



ZEOtope[®]



NMR Product Catalog

Chemistry. Pure. Efficient.

*Your trusted partner in NMR-analytics for
NMR-Solvents, Deuterium Labeled Compounds & NMR-Tubes*

ZEOCHEM[®]

A Company of CPH Group AG

ZEOTOPE®

Zeochem is a company of the CPH Group AG, with manufacturing roots in Switzerland dating back over 200 years. Through the acquisition of the Armar business in 2017, Zeochem inherited over 60 years of expertise in producing high-purity NMR solvents. We have embraced this legacy and further advanced the technology—now manufacturing deuterated compounds at our state-of-the-art facility in Rüti, Switzerland.

Our Swiss-made deuterated compounds reflect exceptional quality and precision. They are used as solvents in NMR spectroscopy and R&D, as well as deuterium sources for the synthesis of APIs and OLEDs.

We continuously update our product portfolio on www.zeotope.com, and remain committed to supporting your daily requirements and upcoming projects. Our strong culture of quality and customer service ensures we consistently deliver reliable products and responsive support.

With strategically located sales and technical experts, Zeochem provides timely responses and the expertise you need. ZEOTOPE products are available worldwide through our network of qualified distributors.

• Flexible from pre-packed to BULK



Looking for specific packaging options?

Our products are available both pre-packed and in bulk, with packaging sizes ranging from 0.5 ml ampules up to 200L stainless steel drums. All containers are tested to ensure compatibility with the contents and comply with international shipping standards.

Visit www.zeotope.com to explore the full range of available packaging sizes for each product.

PRODUCTS

NMR Solvents & Deuterium Labeled Compounds

Product	CAS #	Purity	Material #	Package Size
Acetic acid-d	758-12-3	99.5 atom%D	300525	25 ml
Acetic acid-d ₄	1186-52-3	99.5 atom%D	300483 300838	10 x 0.75 ml 10 ml
Acetic anhydride-d ₆	11649-49-3	99.5 atom%D	300357	5 ml
Acetone-d ₆	666-52-4	99.8 atom%D	300364 300484 300531 300820 300532	10 x 0.6 ml 10 x 0.75 ml 10 ml 25 ml 50 ml
		99.9 atom%D	300485 300366	10 x 0.75 ml 25 ml
Acetonitrile-d ₃	2206-26-0	99.5 atom%D	300541	25 ml
		99.8 atom%D	300836 300486 300542 300543	10 x 0.6 ml 10 x 0.75 ml 10 ml 25 ml
		99.9 atom%D	300544	10 ml
Acetophenone-d ₈	19547-00-3	98 atom%D	300548	5 ml
Acetylchloride-d ₃	19259-90-6	99 atom%D	301693	5 ml (ampule)
Ammonia-d ₃ solution, 25 wt% in Deuterium oxide	12168-30-8	99.5 atom%D	300813	25 ml
Ammonium formate-d ₅	65387-23-7	98 atom%D	300559	5 g
Aniline-2,3,4,5,6-d ₅	4165-61-1	98 atom%D	300564	5 ml
Aniline-d ₇	14545-23-4	98 atom%D	300566	5 ml
Benzene-d ₆	1076-43-3	99.5 atom%D	301933 300464 300570 301240 300571 300815	10 x 0.6 ml 10 x 0.75 ml 10 ml 25 ml 50 ml 100 ml
		99.8 atom%D	301925 300572	10 x 0.6 ml 10 x 0.75 ml
Biphenyl-d ₁₀	1486-01-7	99 atom%D	300578	1 g
Bromobenzene-d ₅	4165-57-5	99.5 atom%D	300580	10 ml
Bromoform-d, stabilized with Cu	2909-52-6	99.5 atom%D	300583	10 g
Chlorobenzene-d ₅	3114-55-4	99 atom%D	300585	5 ml

Product	CAS #	Purity	Material #	Package Size	
Chloroform-d	865-49-6	99.8 atom%D	301934	10 x 0.6 ml	
			300586	10 x 0.75 ml	
			300816	100 ml	
Chloroform-d, <i>stabilized with Ag</i>	865-49-6	99.8 atom%D	300349	25 ml	
			300588	100 ml	
			300590	500 ml	
Chloroform-d, <i>contains 0.03 v/v% TMS</i>	865-49-6	99.8 atom%D	301772	10 x 0.6 ml	
			300489	10 x 0.75 ml	
			300465	100 ml	
Chloroform-d, <i>contains 0.03 v/v% TMS, stabilized with Ag</i>	865-49-6	99.8 atom%D	300584	100 ml	
			301367	500 ml	
Cyclohexane-d ₁₂	1735-17-7	99.5 atom%D	300593	5 ml	
Deuterium chloride, 1 M in Deuterium oxide	7698-05-7	99.8 atom%D	300597	100 ml	
Deuterium chloride, 20 wt% in Deuterium oxide	7698-05-7	99.5 atom%D	300600	25 ml	
Deuterium chloride, 35 wt% in Deuterium oxide	7698-05-7	99.5 atom%D	300602	50 ml	
Deuterium oxide (D ₂ O)	7789-20-0	99.9 atom%D	301935	10 x 0.6 ml	
			301400	10 x 0.75 ml	
			301496	10 ml	
			300367	10 ml (septum)	
			301401	25 ml	
			300368	100 ml	
			301485	500 ml	
			301689	1 L	
			99.95 atom%D	301936	10 x 0.6 ml
			300616	10 x 0.75 ml	
300369	100 ml				
1,4-Dibromobenzene-d ₄	4165-56-4	99 atom%D	300634	5 g	
1,2-Dichlorobenzene-d ₄	2199-69-1	99 atom%D	300628	5 ml	
1,4-Dichlorobenzene-d ₄	3855-82-1	98 atom%D	300636	5 g	
Dichloromethane-d ₂	1665-00-5	99.5 atom%D	300643	5 ml	
			300622	10 ml	
			300641	25 ml	
		99.8 atom%D	301937	10 x 0.6 ml	
			300492	10 x 0.75 ml	
			300355	10 ml	
301213	25 ml				
Dimethyl-d ₆ -amine hydrochloride (DMA-d ₆ x HCl)	53170-19-7	99.5 atom%D	300649	10 g	
Dimethylcarbonate-d ₆ (DMC-d ₆)	108481-44-3	99.5 atom%D	300650	1 ml	

Product	CAS #	Purity	Material #	Package Size		
N,N-Dimethylformamide-d ₇ (DMF-d ₇)	4472-41-7	99.5 atom%D	301945	10 x 0.6 ml		
			300506	10 x 0.75 ml		
			300844	1 ml		
			300729	5 ml		
			300727	10 ml		
			300728	25 ml		
Dimethyl sulfoxide-d ₆ (DMSO-d ₆)	2206-27-1	99.8 atom%D	301938	10 x 0.6 ml		
			300408	10 x 0.75 ml		
			300371	10 ml		
			301403	10 ml (septum)		
			300372	25 ml		
			300351	50 ml		
			300373	100 ml		
		99.9 atom%D	300495	10 x 0.75 ml		
			300657	10 ml		
			300658	25 ml		
			300659	50 ml		
			300849	100 ml		
		99.95 atom%D	301686	10 x 0.6 ml		
			300496	10 x 0.75 ml		
Dimethyl sulfoxide-d ₆ (DMSO-d ₆), <i>contains 0.03 v/v% TMS</i>	2206-27-1	99.8 atom%D	301943	10 x 0.6 ml		
			300497	10 x 0.75 ml		
			300660	10 ml		
			300661	25 ml		
			300817	50 ml		
		99.9 atom%D	300500	10 x 0.75 ml		
			300662	10 ml		
			300863	100 ml		
		99.95 atom%D	301942	10 x 0.6 ml		
			301531	10 x 0.75 ml		
		Ethanol-OD	925-93-9	99.5 atom%D	300666	50 ml
		Ethanol-d ₆	1516-08-1	99 atom%D	301584	10 ml
Fluorobenzene-d ₅	1423-10-5	98 atom%D	300676	1 g		
Formic-d acid, 95 wt% in Water	917-71-5	98 atom%D	300679	5 ml		
Formic acid-d, 95 wt% in Deuterium oxide	925-94-0	98 atom%D	300678	5 ml		
Formic acid-d ₂ , 95 wt% in Deuterium oxide	920-42-3	99 atom%D	301604	5 ml		
Iodomethane-d ₃ , stab. with Cu	865-50-9	99.5 atom%D	300693	25 g		
Methanol-OD	1455-13-6	99.5 atom%D	300705	100 ml		
Methanol-d ₃ (Methyl-d ₃ alcohol)	1849-29-2	99.5 atom%D	301295	5 ml		

Product	CAS #	Purity	Material #	Package Size
Methanol-d ₄	811-98-3	99.8 atom%D	300503	10 x 0.6 ml
			300504	10 x 0.75 ml
			300709	10 ml
			300467	10 ml (septum)
			300375	25 ml
			300712	50 ml
			300710	100 ml
Methanol-d ₄ , <i>contains 0.03 v/v% TMS</i>	811-98-3	99.8 atom%D	300845	10 x 0.6 ml
			300501	10 x 0.75 ml
			300707	10 ml
NEW Methyl-d ₃ -amine hydrochloride	7436-22-8	99 atom%D	302480	1 g
Nitrobenzene-d ₅	4165-60-0	99.5 atom%D	300734	10 ml
Nitromethane-d ₃	13031-32-8	99.5 atom%D	300738	10 ml
Phenyl-d ₅ -boronic acid	215527-70-1	98 atom%D	300744	1 g
Phosphoric acid-d ₃ , 85 wt% in Deuterium oxide	14335-33-2	99 atom%D	300746	25 ml
Potassium deuterioxide, 30 wt% in Deuterium oxide	24572-01-8	99.8 atom%D	300748	25 ml
2-Propanol-OD	3979-51-9	98 atom%D	300519	25 ml
2-Propanol-d ₈	22739-76-0	99.5 atom%D	300521	5 ml
Pyridine-d ₅	7291-22-7	99.5 atom%D	301939	10 x 0.6 ml
			300507	10 x 0.75 ml
			300750	10 ml
Sodium acetate-d ₃	39230-37-0	99 atom%D	300764	5 g
Sodium borodeuteride	15681-89-7	98 atom%D	300754	5 g
Sodium deuterioxide, 1M in Deuterium oxide	14014-06-3	99.8 atom%D	300756	100 ml
Sodium deuterioxide, 30 wt% in Deuterium oxide	14014-06-3	99.5 atom%D	300757	10 ml
Sodium deuterioxide, 40 wt% in Deuterium oxide	14014-06-3	99.9 atom%D	300760	10 ml
Sodium formate-d	3996-15-4	99.5 atom%D	300762	10 g
Styrene-d ₈ , <i>stab. with 0.5 wt% 4-tert-Butylcatechol</i>	19361-62-7	98 atom%D	300769	5 g
Sulfuric acid-d ₂ , 98 wt% in Deuterium oxide	13813-19-9	99.5 atom%D	300774	50 ml
Tetrachloroethane-d ₂ (TCE-d ₂)	33685-54-0	99.5 atom%D	301940	10 x 0.6 ml
			300778	10 x 0.75 ml
			300779	10 ml
Tetrahydrofuran-d ₈ (THF-d ₈)	1693-74-9	99.5 atom%D	300376	10 x 0.75 ml
			300377	10 ml
			300782	25 ml
Tetramethylsilane (TMS)	75-76-3	99.9% (GC)	300785	25 ml
Toluene-d ₈	2037-26-5	99.5 atom%D	301941	10 x 0.6 ml
			300787	10 x 0.75 ml
			300788	10 ml
1,3,5-Trichlorobenzene-d ₃	1198-60-3	98 atom%D	300632	1 g
Trifluoroacetic acid-d (TFA-d)	599-00-8	99.5 atom%D	300794	10 x 0.75 ml

Product	CAS #	Purity	Material #	Package Size
3-(Trimethylsilyl)-1-propanesulfonic acid sodium salt (DSS)	2039-96-5	confirm to ¹ H-NMR	300523	5 g
3-(Trimethylsilyl)propionic-2,2,3,3-d ₄ acid sodium salt (TSP-d ₄)	24493-21-8	99 atom%D	300454	1 g
Urea-d ₄	1433-11-0	98 atom%D	300795	25 g
1,2-Xylene-d ₁₀	56004-61-6	99 atom%D	300631	5 ml

NMR-Tubes & Accessories

Product	Material #	Package Size
ZEOtube, 5 TA (Throw Away), Ø = 5 mm, l = 178 mm, orange caps included	400490	100 PC
ZEOtube, 5 HP (400 MHz, High Precision), Ø = 5 mm, l = 178 mm, sky caps included	400491	5 PC
ZEOtube, 5 UP (600 MHz, Ultra Precision), Ø = 5 mm, l = 178 mm, black caps included	400492	5 PC
Caps for 5 mm NMR-Tubes, color: black	400039	100 PC
Caps for 5 mm NMR-Tubes, color: orange	400042	100 PC
Caps for 5 mm NMR-Tubes, color: sky	400051	100 PC
ZEOtube Ampoule Opener	400440	1 PC

ZEOtube, "The Reference" regarding NMR-Tubes!

The NMR-Tubes are a great addition to our variety of products. The tubes are manufactured in accordance with the highest quality standards, granting full transparency through batch allocation. ZEOtubes are available in three of the most commonly used tube types – Throw Away (TA), High Precision – 400 MHz (HP), and Ultra Precision – 600 MHz (UP), each with a 5mm diameter and a length of 178mm.



Try the ZEOtube® Ampoule Opener!

This tool aids in handling ampoules and protects the user from potential safety injuries when opening. Made of high-quality aluminum, the ampoule opener is also easy to use and is made for durability.

Did you know that ZEOCHEM has other product groups in its portfolio in addition to isotope chemistry?

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www.purifications.com

● Molecular Sieves & Specialty Zeolites
www.zeochem.com

Let's Collaborate on Your Next Project

Partner with Zeochem to bring your pharmaceutical innovations to life. **Contact us today** to discuss your ongoing projects – we're here to help.

The ZEOCHEM Team

ZEOCHEM has Sales, R&D, and Manufacturing locations throughout the world to better serve our customers.

● Sales ● Manufacturing ● Research & Development



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