

Deuterated Compounds in Pharma

Zeochem AG offers a broad range of Deuterated Compounds in “Pharma Grade Quality” for the industrial synthesis of Deuterium Labeled Active Pharmaceutical Ingredients (APIs). This relatively new class of APIs exhibit an improved metabolic profile, higher oral bioavailability and lower dosages compared to conventional APIs. The pharmacological advantages result from the kinetic isotope effect and are currently investigated in multiple clinical trials of new drugs.

ZEOtope[®] products are manufactured in our state-of-the-art production plant in Switzerland. Our experienced R&D team accompanies your project from conception to commercial stage in quantities from grams to multi metric tons. Each product quality can be adapted to your desired specification and we will support you with custom synthesis of new individual product inquiries.

Product	Formula	CAS No	Product	Formula	CAS No
Acetic acid-d	C ₂ H ₃ DO ₂	758-12-3	Dimethyl-d ₆ amine hydrochloride	C ₂ H ₂ D ₆ ClN	53170-19-7
Acetic-d ₃ acid-d	C ₂ D ₄ O ₂	1186-52-3	Dimethylcarbonate-d ₆	C ₃ D ₆ O ₃	108481-44-3
Acetic anhydride-d ₆	C ₄ D ₆ O ₃	16449-49-3	<i>N,N</i> -Dimethylformamide-d ₇	C ₃ D ₇ NO	4472-41-7
Acetone-d ₆	C ₃ D ₆ O	666-52-4	Dimethyl-d ₆ sulfoxide	C ₂ D ₆ SO	2206-27-1
Acetylchloride-d ₃	C ₂ D ₃ ClO	19259-90-6	Ethanol-d ₁ , contains <6 wt% D ₂ O	C ₂ H ₅ DO	925-93-9
Ammonium deuterioxide-d ₄ , 25 wt% in D ₂ O	ND ₄ O	12168-30-8	Ethanol-d ₆	C ₂ D ₆ O	1516-08-1
Aniline-2,3,4,5,6-d ₅	C ₆ H ₂ D ₅ N	4165-61-1	Formic-d acid, 95 wt% in H ₂ O	CDO ₂ H	917-71-5
Benzene-d ₆	C ₆ D ₆	1076-43-3	Formic acid-d ₂ , 95 wt% in D ₂ O	CDO ₂ D	920-42-3
Biphenyl-d ₁₀	C ₁₂ D ₁₀	1486-01-7	Iodomethane-d ₃	CD ₃ I	865-50-9
Bromobenzene-d ₅	C ₆ D ₅ Br	4165-57-5	Isopropanol-d ₈	C ₃ D ₈ O	22739-76-0
Bromocyclopentane-d ₉	C ₅ D ₉ Br	35468-44-1	Methanol-d ₁	CH ₃ DO	1455-13-6
Chlorobenzene-d ₅	C ₆ D ₅ Cl	3114-55-4	Methanol-d ₄	CD ₄ O	811-98-3
Chloroform-d	CDCl ₃	865-49-6	Sodium borodeuteride	NaBD ₄	15681-89-7
Deuterium-d ₂	D ₂	7782-39-0	Sodium deuterioxide, 30 and 40 wt% in D ₂ O	NaOD	14014-06-3
Deuterium chloride, 20 and 35 wt% in D ₂ O	DCl	7698-05-7	Sodium formate-d	CDO ₂ Na	3996-15-4
Deuterium oxide	D ₂ O	7789-20-0	Sulfuric acid-d ₂ , 98 wt% in D ₂ O	D ₂ SO ₄	13813-19-9
1,2-Dichlorobenzene-d ₄	C ₆ D ₄ Cl ₂	2199-69-1	Tetrahydrofuran-d ₈	C ₄ D ₈ O	1693-74-9
1,4-Dichlorobenzene-d ₄	C ₆ D ₄ Cl ₂	3855-82-1	Toluene-d ₈	C ₇ D ₈	2037-26-5
Dichloromethane-d ₂	CD ₂ Cl ₂	1665-00-5	Trifluoroacetic acid-d	CF ₃ O ₂	599-00-8

Get in touch with us for your new or running project.

ZEOCHEM[®]



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