

Product Name	: 4-Desmethoxy Omeprazole
Synonyms	: —
Cat No.	: M23305
CAS Number	: 110374-16-8
Molecular Formula	: C ₁₆ H ₁₇ N ₃ O ₂ S
Formula Weight	: 315.4
Chemical Name	: —
Description	: 4-Desmethoxy Omeprazole is the active metabolite of Omeprazole. Omeprazole is a proton pump inhibitor (PPI). Omeprazole shows competitive inhibition of CYP2C19 activity (K _i : 2 to 6 μM).
Pathway	: Proteasome/Ubiquitin
Target	: Endogenous Metabolite
Receptor	: Drug Metabolite
Solubility	: DMSO:10 mM
SMILES	: <chem>CC1=CC(=C(N=C1)CS(=O)C2=NC3=C(N2)C=C(C=C3)OC)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Li XQ, et al. Comparison of inhibitory effects of the proton pump-inhibiting drugs omeprazole, esomeprazole, lansoprazole, pantoprazole, and rabeprazole on human cytochrome P450 activities. Drug Metab Dispos. 2004 Aug;32(8):821-7.