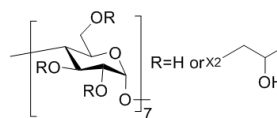


Product Name	: (2-Hydroxypropyl)-β-cyclodextrin
Synonyms	: Hydroxypropyl betadex; Hydroxypropyl-β-cyclodextrin; HP-β-CD
Cat No.	: M23447
CAS Number	: 128446-35-5
Molecular Formula	: C ₆₃ H ₁₁₂ O ₄₂
Formula Weight	: 1541.5
Chemical Name	: —
Description	: (2-Hydroxypropyl)-β-cyclodextrin is a widely used drug delivery vehicle to improve stability and bioavailability.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: DMSO: 150 mg/mL; H ₂ O: 50 mg/mL (Need ultrasonic)
SMILES	: <chem>CC(COC[C@H]1[C@H]2[C@H]([C@@H]([C@@H](O1)O[C@H]3[C@H](O[C@H]([C@H]([C@@H]3O)O)O[C@H]4[C@H](O[C@H]([C@H]([C@@H]4O)O)O[C@H]5[C@H](O[C@H]([C@H]([C@@H]5O)O)O[C@H]6[C@H](O[C@H]([C@H]([C@@H]6O)O)O[C@H]7[C@H](O[C@H]([C@H]([C@@H]7O)O)O[C@H]8[C@H](O[C@H]([O2][C@H]([C@@H]8O)O)COCC(C)O)COCC(C)O)COCC(C)O)COCC(C)O)COCC(C)O)COCC(C)O)O)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Song W, et al. 2-Hydroxypropyl-β-cyclodextrin promotes transcription factor EB-mediated activation of autophagy: implications for therapy. J Biol Chem. 2014 Apr 4;289(14):10211-22.