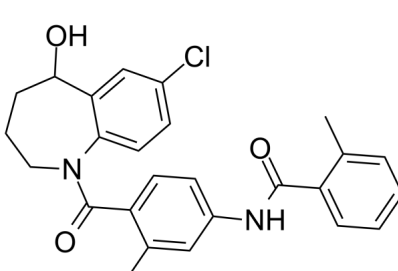


Data Sheet

Product Information

Catalog Number	BP12478
Product Name	Tolvaptan
Description	Tolvaptan is an orally bioavailable, selective, arginine vasopressin receptor 2 (V2, AVPR2) antagonist that can be used to treat hyponatremia.
Targets&IC50	vasopressin receptor 2:3 nM
Synonyms	OPC-41061
CAS No.	150683-30-0
Chemical Formula	C ₂₆ H ₂₅ ClN ₂ O ₃
Molecular Weight	448.95
Solubility	DMSO: 44.9 mg/mL (100 mM) Ethanol: 4.5 mg/mL (10 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 The chemical structure of Tolvaptan is shown. It features a 7-chloro-2-hydroxy-1,2,3,4-tetrahydro-1H-benzodiazepine core. The nitrogen atom of the diazepine ring is substituted with a 4-(4-methylphenyl)-N-(4-methylphenyl)carbamoyl group. The structure is drawn in a skeletal format with explicit hydrogen atoms for the methyl groups and the nitrogen substituent.

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