



Product Information

Tacrine HCl hydrate

Cat. No.: X23-12-YM284

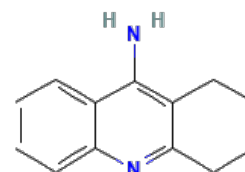
Size: 100 mg; 200 mg; 500 mg; 1 g

CAS Number: 206658-92-6

PubChem CID: 6420002

Synonym: 206658-92-6; THA hydrochloride hydrate

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Tacrine HCl hydrate, soluble in DMSO, ethanol and water, interferes with or suppresses the transmission of signals between neurons in the nervous system.
Molecular Weight	252.74
Molecular Formula	C ₁₃ H ₁₇ ClN ₂ O
IUPAC Name	1, 2, 3, 4-Tetrahydroacridin-9-amine;hydrate;hydrochloride
InChI	InChI=1S/C13H14N2.ClH.H2O/c14-13-9-5-1-3-7-11(9)15-12-8-4-2-6-10(12)13;/h1, 3, 5, 7H, 2, 4, 6, 8H2, (H2, 14, 15);1H;1H2
InChI Key	PXGRMZYZJAOQPNZ-UHFFFAOYSA-N
Canonical SMILES	C1CCC2=NC3=CC=CC=C3C(=C2C1)N.O.Cl
Form	Lyophilized powder
Purity	>98%
Solubility	DMSO: 43 mg/mL; Water: 43 mg/mL; Ethanol: 43 mg/mL
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Tacrine HCl hydrate can be studied extensively for its side effects and the availability of newer.
Storage	Store at -20°C, and keep desiccated.