

## Tacrine hydrochloride (hydrate)

## Chemical Properties

CAS No. : 206658-92-6

Formula: C<sub>13</sub>H<sub>14</sub>N<sub>2</sub>·XHCl·XH<sub>2</sub>O

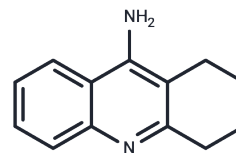
Molecular Weight:

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

H<sub>2</sub>O

HCl



## Biological Description

Description	Tacrine hydrochloride hydrate (Tetrahydroaminacrine) is a cholinesterase inhibitor that crosses the blood-brain barrier. Tacrine has been used to counter the effects of muscle relaxants, as a respiratory stimulant, and in the treatment of Alzheimer's disease and other central nervous system disorders.
Targets(IC50)	AChR,Cholinesterase (ChE)

## Solubility Information

Solubility	DMSO: 252.2 mM,Sonication is recommended. H2O: 252.2 mM,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Reference

Wang H, et al. Zhongguo Yao Li Xue Bao. 1998, 19(1):27-30.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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