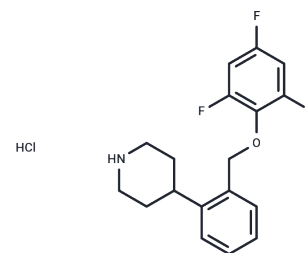


Amprexetine hydrochloride

Chemical Properties

CAS No. :	1227056-87-2
Formula:	C ₁₈ H ₁₉ ClF ₃ NO
Molecular Weight:	357.8
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Amprexetine hydrochloride (TD-9855 HCl) has anti-inflammatory activity and is a potential compound for the treatment of depression and Alzheimer's disease.
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Solubility Information

Solubility	DMSO: 50 mg/mL (139.74 mM) (< 1 mg/mL refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7949 mL	13.9743 mL	27.9486 mL
5 mM	0.559 mL	2.7949 mL	5.5897 mL
10 mM	0.2795 mL	1.3974 mL	2.7949 mL
50 mM	0.0559 mL	0.2795 mL	0.559 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Lo A, et al. Pharmacokinetics and pharmacodynamics of amprexetine, a novel, selective norepinephrine reuptake inhibitor, in symptomatic neurogenic orthostatic hypotension. Clin Auton Res. 2021 Jun;31(3):395-403.

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