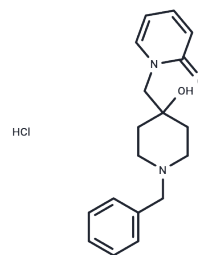


Hypidone hydrochloride

Chemical Properties

CAS No. :	1339058-04-6
Formula:	C ₁₈ H ₂₃ ClN ₂ O ₂
Molecular Weight:	334.84
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Hypidone hydrochloride (YL0919) is a novel antidepressant candidate with dual activity as a 5-HT _{1A} receptor agonist and a selective serotonin reuptake inhibitor.
Targets(IC ₅₀)	5-HT Receptor

Solubility Information

Solubility	DMSO: 30 mg/mL (89.6 mM), Sonication is recommended. (< 1 mg/mL refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9865 mL	14.9325 mL	29.865 mL
5 mM	0.5973 mL	2.9865 mL	5.973 mL
10 mM	0.2987 mL	1.4933 mL	2.9865 mL
50 mM	0.0597 mL	0.2987 mL	0.5973 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

- Chen HX, et al. PLoS One. 2013 Dec 18;8(12):e83271.
Qin, J. J. et al. Neuroscience letters 582, 104-108, 2014.09.2009

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