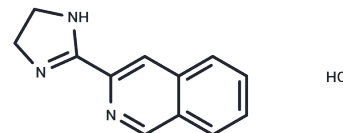


BU 226 hydrochloride

Chemical Properties

CAS No. : 1186195-56-1
Formula: C₁₂H₁₂ClN₃
Molecular Weight: 233.7
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	BU 226 hydrochloride demonstrates affinity for imidazoline (I) receptors, in particular the I2 binding site with a K _i of 1.4 nM. BU 226 hydrochloride showed low (microM) affinity for alpha 2-adrenoceptors.
Targets(IC ₅₀)	Imidazoline Receptor

Solubility Information

Solubility	DMSO: 2.28 mg/mL (9.74 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.279 mL	21.395 mL	42.7899 mL
5 mM	0.8558 mL	4.279 mL	8.558 mL
10 mM	0.4279 mL	2.1395 mL	4.279 mL
50 mM	0.0856 mL	0.4279 mL	0.8558 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

Hudson AL, et al. Novel selective compounds for the investigation of imidazoline receptors. Ann N Y Acad Sci. 1999 Jun 21;881:81-91.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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