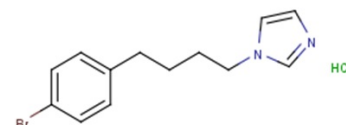


HO-1-IN-1 hydrochloride

Chemical Properties

CAS No.:	1092851-70-1
Formula:	C ₁₃ H ₁₆ BrClN ₂
Molecular Weight:	315.64
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	HO-1-IN-1 hydrochloride is a heme oxygenase 1 (HO-1) inhibitor (IC ₅₀ : 250 nM).
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 125 mg/mL (396.02 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.168 mL	15.841 mL	31.682 mL
5 mM	0.634 mL	3.168 mL	6.336 mL
10 mM	0.317 mL	1.584 mL	3.168 mL
50 mM	0.063 mL	0.317 mL	0.634 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Floresta G, et al. Development of new HO-1 inhibitors by a thorough scaffold-hopping analysis. Bioorg Chem. 2018 Dec;81:334-339.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481