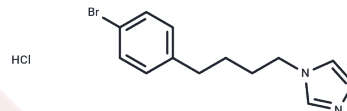


Heme Oxygenase-1-IN-1 hydrochloride

Chemical Properties

CAS No. : 1092851-70-1
 Formula: C₁₃H₁₆BrClN₂
 Molecular Weight: 315.64
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	HO-1-IN-1 hydrochloride is a heme oxygenase 1 (HO-1) inhibitor (IC ₅₀ : 250 nM).
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 125 mg/mL (396.02 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	3.1682 mL	15.8408 mL	31.6817 mL
5 mM	0.6336 mL	3.1682 mL	6.3363 mL
10 mM	0.3168 mL	1.5841 mL	3.1682 mL
50 mM	0.0634 mL	0.3168 mL	0.6336 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

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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