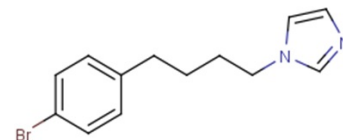


HO-1-IN-1

Chemical Properties

CAS No.: 1093058-52-6
Formula: C₁₃H₁₅BrN₂
Molecular Weight: 279.18
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 is a heme oxygenase 1 (HO-1) inhibitor (IC ₅₀ : 250 nM).
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 125 mg/mL (447.74 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.582 mL	17.91 mL	35.819 mL
5 mM	0.716 mL	3.582 mL	7.164 mL
10 mM	0.358 mL	1.791 mL	3.582 mL
50 mM	0.072 mL	0.358 mL	0.716 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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