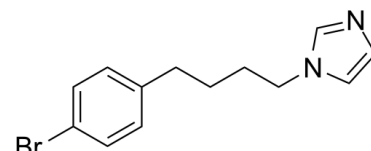


Data Sheet

Product Name:	HO-1-IN-1
Cat. No.:	CS-0092389
CAS No.:	1093058-52-6
Molecular Formula:	C ₁₃ H ₁₅ BrN ₂
Molecular Weight:	279.18
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Solubility:	DMSO : 125 mg/mL (447.74 mM; Need ultrasonic); H ₂ O : < 0.1 mg/mL (insoluble)



BIOLOGICAL ACTIVITY:

HO-1-IN-1 (Compound 2) is a heme oxygenase 1 (**HO-1**) inhibitor with an IC_{50} of 250 nM^[1].

References:

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

CAIndexNames:

1H-Imidazole, 1-[4-(4-bromophenyl)butyl]-

SMILES:

BrC1=CC=C(CCCCN2C=CN=C2)C=C1

Caution: Product has not been fully validated for medical applications. For research use only.

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