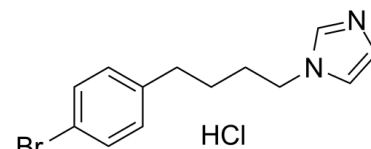


Data Sheet

Product Name:	HO-1-IN-1 hydrochloride
Cat. No.:	CS-0092388
CAS No.:	1092851-70-1
Molecular Formula:	C ₁₃ H ₁₆ BrClN ₂
Molecular Weight:	315.64
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Solubility:	DMSO : 125 mg/mL (396.02 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

HO-1-IN-1 hydrochloride (Compound 2) is a heme oxygenase 1 (**HO-1**) inhibitor with an **IC₅₀** 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]-, hydrochloride (1:1)

SMILES:

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

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA