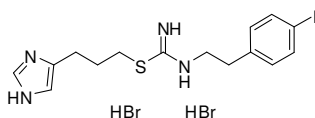




Certificate of Analysis

Axon Catalogue ID: 1328 **Batch Number:** 2
Product Name: Iodophenpropit dihydrobromide
Alternative Name(s): VUF 4586
IUPAC Name: 3-(1H-imidazol-4-yl)propyl 4-iodophenethylcarbamidodithioate dihydrobromide

Structure:



Amount:

CAS number(s): 145196-88-9 (parent), 145196-87-8 (HBr (1:2))
Molecular Formula: C₁₅H₁₉N₄S₂HBr **Molecular Weight:** 576.13
Batch Molecular Formula: C₁₅H₁₉N₄S₂HBr **Batch Molecular Weight:** 576.13
Appearance: White solid **Observed mp:** 190 - 194 °C
TLC (R_f): 0.4 DCM/MeOH (4:1)
Chemical Purity: 99.7%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 31.27, H 3.67, N 9.72; Found: C 30.98, H 3.54, N 9.54
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	57.6	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	57.6	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 19-8-2022

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only