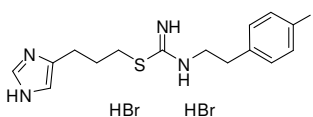




Certificate of Analysis

Axon Catalogue ID: 1328 **Batch Number:** 1
Product Name: Iodophenpropit dihydrobromide
Alternative Name(s): N.A.
IUPAC Name: 3-(1H-Imidazol-4-yl)propyl 4-iodophenethylcarbamimidothioate dihydrobromide

Structure:



Amount:

CAS number: 145196-87-8
Batch Molecular Formula: C₁₅H₁₉N₄S₂HBr₂·H₂O **Batch MW:** 594.14
Appearance: White solid **Observed mp:** 152 °C
TLC (R_f): 0.5 DCM/MeOH (4:1)
Chemical Purity: >98%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 30.30 , H 3.87 , N 9.42 Found: C 30.16 , H 3.85 , N 9.03
Storage Conditions: Store at -20 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	56.0	94.3	
EtOH	40.0	67.3	

Remarks: Hygroscopic and temperature sensitive. The CAS number for the parent compound is CAS [145196-88-9]

QC Date: 12-02-2008

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