



Product Information

Clobenpropit dihydrobromide

Cat. No.: X23-12-YM1461

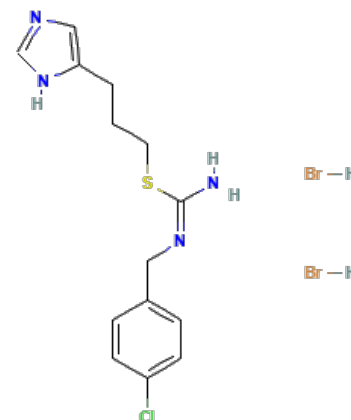
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 145231-35-2

Compound CID: 11213569

Synonym: 145231-35-2; Clobenpropit 2HBr; VUF9153

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Clobenpropit dihydrobromide inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	470.65
Molecular Formula	C ₁₄ H ₁₉ Br ₂ ClN ₄ S
IUPAC Name	3-(1 <i>H</i> -Imidazol-5-yl)propyl <i>N</i> -[(4-chlorophenyl)methyl]carbamimidothioate;dihydrobromide
InChI	InChI=1S/C14H17ClN4S.2BrH/c15-12-5-3-11(4-6-12)8-18-14(16)20-7-1-2-13-9-17-10-19-13;/h3-6,9-10H,1-2,7-8H2,(H2,16,18)(H,17,19);2*1H
InChI Key	JIJQPEZAVLJZBO-UHFFFAOYSA-N
Canonical SMILES	C1=CC(=CC=C1CN=C(N)SCCCC2=CN=CN2)Cl.Br.Br
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Clobenpropit dihydrobromide can be studied for its effect on modulating neurotransmitter systems in the brain and improving cognitive function.
Storage	Store at -20°C, and keep desiccated.