



Product Information

Clopidogrel thiolactone

Cat. No.: X23-12-YM363

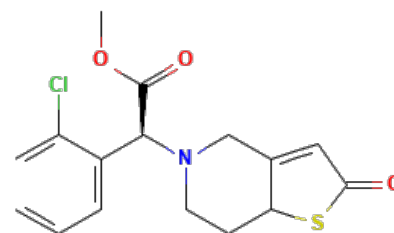
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1147350-75-1

PubChem CID: 56848893

Synonym: 1147350-75-1; 2-Oxoclopidogrel

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



Product Information

Description	Clopidogrel thiolactone interferes with or suppresses the transmission of signals between neurons in the nervous system.
Molecular Weight	337.82
Molecular Formula	C ₁₆ H ₁₆ ClNO ₃ S
IUPAC Name	Methyl (2S)-2-(2-chlorophenyl)-2-(2-oxo-4, 6, 7, 7a-tetrahydrothieno[3, 2-c]pyridin-5-yl)acetate
InChI	InChI=1S/C16H16ClNO3S/c1-21-16(20)15(11-4-2-3-5-12(11)17)18-7-6-13-10(9-18)8-14(19)22-13/h2-5, 8, 13, 15H, 6-7, 9H2, 1H3/t13?, 15-/m0/s1
InChI Key	JBSAZVIMJUOBNNB-WUJWULDRSA-N
Canonical SMILES	COC(=O)C(C1=CC=CC=C1Cl)N2CCC3C(=CC(=O)S3)C2
Isomeric SMILES	COC(=O)[C@H](C1=CC=CC=C1Cl)N2CCC3C(=CC(=O)S3)C2
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Clopidogrel thiolactone can be studied to prevent blood clots.
Storage	Store at -20°C, and keep desiccated.