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DATASHEET

(±)-Clopidogrel hydrochloride

Product overview

Name	(±)-Clopidogrel hydrochloride
Cat No	HB1974
Alternative names	Plavix
Biological action	Antagonist
Purity	>99%
Description	Selective, irreversible P2Y ₁₂ receptor antagonist

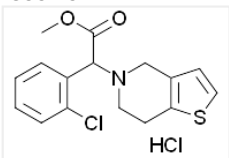
Biological Data

Biological description	Selective, irreversible P2Y ₁₂ receptor antagonist. Prodrug. Shows anti-aggregating, antiplatelet and antithrombotic activity. Active <i>in vivo</i> . Active metabolite (+)-Clopidogrel available.
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Solubility & Handling

Storage instructions	+4 °C (desiccate)
Solubility overview	Soluble in DMSO (100mM) and ethanol (100mM)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	Methyl 2-(4,5,6,7-tetrahydrothieno[3,2-c]pyridin-5-yl)-2-(2-chlorophenyl)acetate hydrochloride
Molecular Weight	358.28
Chemical structure	 The chemical structure shows a methyl ester group attached to a 2-chlorophenyl ring, which is further connected to a 4,5,6,7-tetrahydrothieno[3,2-c]pyridine system. The hydrochloride salt is indicated by "HCl" below the structure.
Molecular Formula	C ₁₆ H ₁₆ NO ₂ SCl.HCl
CAS Number	130209-90-4
PubChem identifier	22386150
SMILES	Cl.COC(=O)C(N1CCC2=C(C1)C=CS2)C1=C(Cl)C=CC=C1
InChiKey	XIHVAFJSGWDBGA-UHFFFAOYSA-N