



Product Information

CHPG sodium salt

Cat. No.: X23-12-YM1428

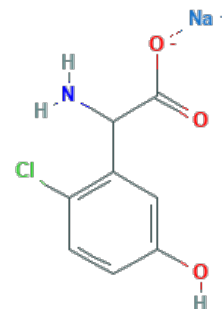
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 1303993-73-8

Compound CID: 52974246

Synonym: 1303993-73-8; (RS)-2-Chloro-5-hydroxyphenylglycinesodiumsalt

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



Product Information

Description	CHPG sodium salt inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins. It targets ERK, mGlu5, and NF-κB.
Molecular Weight	223.59
Molecular Formula	C ₈ H ₇ ClNaO ₃
Targets	ERK; mGlu5; NF-κB
IUPAC Name	Sodium;2-amino-2-(2-chloro-5-hydroxyphenyl)acetate
InChI	InChI=1S/C8H8ClNO3.Na/c9-6-2-1-4(11)3-5(6)7(10)8(12)13;/h1-3,7,11H,10H2,(H,12,13);/q;+1/p-1
InChI Key	KZRZZIISUUINJT-UHFFFAOYSA-M
Canonical SMILES	C1=CC(=C(C=C1O)C(C(=O)[O-])N)Cl.[Na+]
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	CHPG sodium salt can be used for its ability to attenuate SO ₂ -induced oxidative stress and inflammation.
Storage	Store at -20°C, and keep desiccated.