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DATASHEET

Lavendustin C

Product overview

Name	Lavendustin C
Cat No	HB0376
Biological action	Inhibitor
Purity	>98%
Description	Potent EGFR tyrosine kinase inhibitor

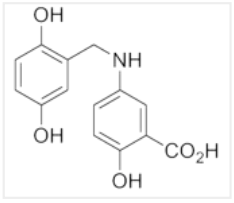
Biological Data

Biological description	Potent EGF receptor tyrosine kinase (IC_{50} = 11 nM) and c-src (IC_{50} = 500 nM) inhibitor. Inhibits Ca^{2+}/calmodulin kinase II (IC_{50} = 200 nM). Blocks LTP induction.

Solubility & Handling

Solubility overview	Soluble in DMSO or methanol
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	5-((2,5-Dihydroxybenzyl)amino)-2-hydroxybenzoic acid
Molecular Weight	275.3
Chemical structure	
Molecular Formula	$C_{14}H_{13}NO_5$
CAS Number	125697-93-0
PubChem identifier	3896
SMILES	C1=CC(=C(C=C1NCC2=C(C=CC(=C2)O)O)C(=O)O)O

References

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Lindsay MA *et al* (1998) J Leukoc Biol 64(4)
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