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DATASHEET

Pentabromopseudilin

Product overview

Name	Pentabromopseudilin
Cat No	HB4021
Purity	>98%
Description	Potent myosin ATPase inhibitor and lipoxygenase inhibitor.

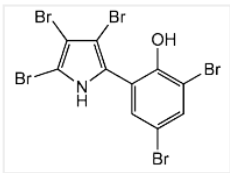
Biological Data

Biological description	Antibiotic. Antibacterial, cytotoxic, herbicidal and antimalarial compound. Human lipoxygenase inhibitor. Potent myosin ATPase inhibitor. Inhibitor of the non-mevalonate pathway enzyme IspD.
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Solubility & Handling

Storage instructions	+4 °C
Solubility overview	Soluble in DMSO (5 mg/ml)
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	2-(3,5-Dibromo-2-hydroxyphenyl)-3,4,5-tribromopyrrol; 2,4-Dibromo-6-(3,4,5-tribromo-1H-pyrrol-2-yl)phenol
Molecular Weight	553.7
Chemical structure	
Molecular Formula	C ₁₀ H ₄ Br ₅ NO
CAS Number	10245-81-5
PubChem identifier	324093
SMILES	C1=C(C=C(C(=C1Br)O)C2=C(C(=C(N2)Br)Br)Br)Br
Source	Alteromonas luteo-violaceus
InChi	InChI=1S/C10H4Br5NO/c11-3-1-4(9(17)5(12)2-3)8-6(13)7(14)10(15)16-8/h1-2,16-17H
InChiKey	LXMNWKJHYOZUQL-UHFFFAOYSA-N
Appearance	Off-white powder