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## DATASHEET

### Pentabromopseudilin

#### Product overview

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

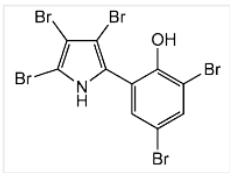
#### Biological Data

<b>Biological description</b>	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

<b>Storage instructions</b>	+4 °C
<b>Solubility overview</b>	Soluble in DMSO (5 mg/ml)
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

#### Chemical Data

<b>Chemical name</b>	2-(3,5-Dibromo-2-hydroxyphenyl)-3,4,5-tribromopyrrol; 2,4-Dibromo-6-(3,4,5-tribromo-1H-pyrrol-2-yl)phenol
<b>Molecular Weight</b>	553.7
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>4</sub> Br <sub>5</sub> NO
<b>CAS Number</b>	10245-81-5
<b>PubChem identifier</b>	324093
<b>SMILES</b>	C1=C(C=C(C(=C1Br)O)C2=C(C(=C(N2)Br)Br)Br)Br
<b>Source</b>	Alteromonas luteo-violaceus
<b>InChi</b>	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
<b>InChiKey</b>	LXMNWKJHYOZUQL-UHFFFAOYSA-N
<b>Appearance</b>	Off-white powder