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## DATASHEET

(S)-Perharidine 1

### Product overview

<b>Name</b>	(S)-Perharidine 1
<b>Cat No</b>	HB3705
<b>Purity</b>	>95%
<b>Description</b>	Potent, selective CDK1, CDK2, CDK5 and CDK9 inhibitor

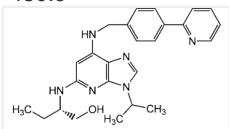
### Biological Data

<b>Biological description</b>	Potent and selective inhibitor of cyclin dependent kinases CDK1, CDK2, CDK5 and CDK9. Apoptosis inducer. Inhibits the proliferation of various cancer cell lines. Casein kinase 1 (CK1delta/epsilon) and DYRK1A inhibitor. Potential anti-inflammatory compound. Potential antidiabetic compound.
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### Solubility & Handling

<b>Storage instructions</b>	+4 °C
<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>Molecular Weight</b>	430.6
<b>Chemical structure</b>	
<b>CAS Number</b>	1133437-81-6
<b>InChiKey</b>	VGHHVXRBOQENRA-FQEVSTJZSA-N
<b>Appearance</b>	White to off-white solid