

Product datasheet

GSK503, EZH2 methyltransferase inhibitor ab269819

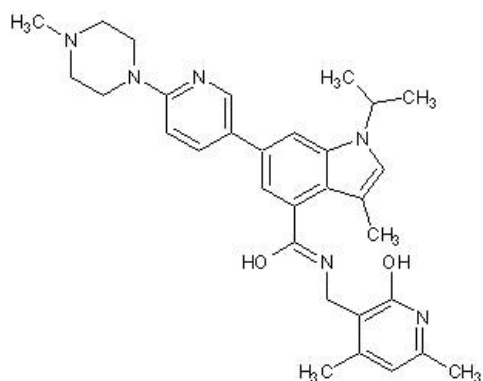
1 Image

Overview

Product name	GSK503, EZH2 methyltransferase inhibitor
Description	Potent and specific EZH2 methyltransferase inhibitor
Biological description	Potent (IC ₅₀ = nM; K _i = 3 nM) and specific EZH2 methyltransferase inhibitor. Selective against EZH1 (IC ₅₀ = 633 nM). At least 4000-fold selective over a panel of 20 other human methyltransferases. Highly selective against a range of human histone deacetylases, GPCRs, kinases and ion channels. Reduces cellular H3K27me3 levels. Inhibits growth of diffuse large B-cell lymphoma cells. Inhibits melanoma growth and metastasis in mouse models.

CAS Number 1346572-63-1

Chemical structure



Properties

Selectivity	Highly selective against a range of human methyltransferases, histone deacetylases, GPCRs, kinases and ion channels.
Chemical name	N-[(1,2-Dihydro-4,6-dimethyl-2-oxo-3-pyridinyl)methyl]-3-methyl-1-(1-methylethyl)-6-[6-(4-methyl-1-piperazinyl)-3-pyridinyl]-1H-indole-4-carboxamide
Molecular weight	526.67
Molecular formula	C ₃₁ H ₃₈ N ₆ O ₂
PubChem identifier	67469117
Storage instructions	Shipped at room temperature. Store at -20°C.
Solubility overview	Soluble in water to 5 mM, in DMSO to 25 mM and in ethanol to 50 mM

Handling

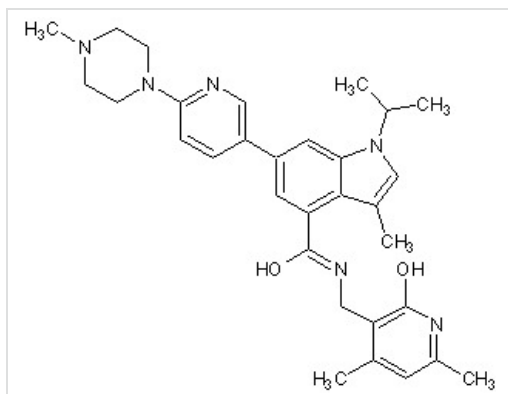
Refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

SMILES

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Images



Chemical Structure - GSK503, EZH2
methyltransferase inhibitor (ab269819)

Chemical structure of GSK503, EZH2 methyltransferase inhibitor,
1346572-63-1

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