

Product datasheet

GSK-J4, histone demethylase JMJD3/UTX inhibitor
 ab144395

1 References

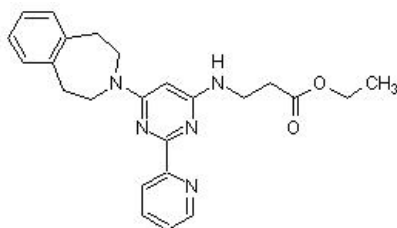
Overview

Product name	GSK-J4, histone demethylase JMJD3/UTX inhibitor
Description	Cell permeable histone demethylase JMJD3/UTX inhibitor
Biological description	Cell permeable histone demethylase JMJD3/UTX inhibitor. Attenuates LPS-induced proinflammatory cytokine production in macrophages (IC ₅₀ = 9 μM, TNF-α release). Prodrug of GSK-J1. Rapidly hydrolyzes to GSK-J1 intracellularly.

Purity > 99%

CAS Number 1373423-53-0

Chemical structure



Properties

Chemical name	<i>N</i> -[2-(2-Pyridinyl)-6-(1,2,4,5-tetrahydro-3 <i>H</i> -3-benzazepin-3-yl)-4-pyrimidinyl]-β-alanine ethyl ester
Molecular weight	417.51
Molecular formula	C ₂₄ H ₂₇ N ₅ O ₂
PubChem identifier	71729974
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM and in ethanol to 100mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILESCCOC(=O)CCNC1=NC(=NC(=C1)N2CCCC3=CC=CC=C3CC2)C4=CC=CC=N4.Cl**Source**

Synthetic

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