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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Information

Description

EPZ-5676 is an S-adenosyl methionine (SAM) competitive inhibitor of protein methyltransferase DOT1L with K_i of 80 pM.

Target:

Histone Methyltransferase

Pathway

Chromatin/Epigenetics

Chemical Name:

(2R,3S,4S,5R)-2-(6-aminopurin-9-yl)-5-[[[3-[2-(6-tert-butyl-1H-benzimidazol-2-yl)ethyl]cyclobutyl]-propan-2-ylamino]methyl]oxolane-3,4-diol

Molecular Formula:

$C_{30}H_{42}N_8O_3$

Supplied As:

Solid

Solubility:

≥ 28.15 mg/ml in DMSO; insoluble in H_2O ; ≥ 50.3 mg/ml in EtOH with ultrasonic. For obtaining a higher solubility, please warm the tube at $37^\circ C$ and shake it in the ultrasonic bath for a while. Long-term storage in solution is not recommended. Not stable in diluted solutions.

Stability:

At least 6 months at $-20^\circ C$. Avoid freeze/thaw cycles.

Storage:

$-20^\circ C$

MW:

562.71 Da

Cas No.

1380288-87-8

Purity:

$\geq 99\%$

Chemical Structure

