

EPZ015666, Potent and selective PRMT5 inhibitor

Catalog	Unit
TBI4031-5MG	5 mg
TBI4031-25MG	25 mg

Product Details

Formal Name: (S)-N-(3-(3,4-Dihydroisoquinolin-2(1H)-yl)-2-hydroxypropyl)-6-(oxetan-3-ylamino)pyrimidine-4-carboxamide

Molecular Formula: C₂₀H₂₅N₅O₃

Formula Weight: 383.44

CAS Number: 1616391-65-1

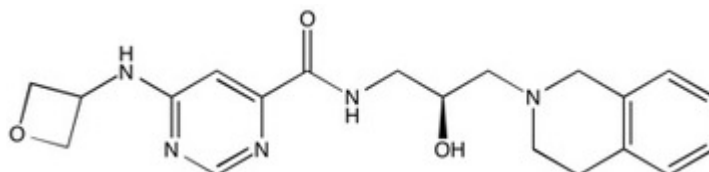
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 20 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Potent and selective PRMT5 inhibitor

Functions

Potent (IC₅₀ = 22 nM) and selective inhibitor of arginine methyltransferase 5 (PRMT5). PRMT5 dimethylates Myc, and its inhibition by EPZ015666 suppresses cell growth and induces apoptosis and/or cell cycle arrest in medulloblastoma and retinoblastoma cells. It also sensitizes glioblastoma cells to mTOR inhibitor PP2426.

Application Procedures

First dissolved in DMSO (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.