

Catalog	Unit
TBI4320-5MG	5 mg
TBI4320-25MG	25 mg

Product Details

Formal Name: 4-[4-[(Dimethylamino)methyl]-2,5-dimethoxyphenyl]-2-methyl-2,7-naphthyridine-1-one

Molecular Formula: C₂₀H₂₃N₃O₃

Formula Weight: 353.40

CAS Number: 1883429-22-8

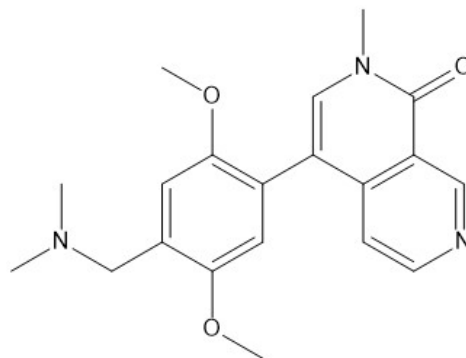
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 5 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

BRD9 bromodomain inhibitor

Functions

Potent, selective, and cell permeable inhibitor of the BRD9 bromodomain, a subunit of the switch/sucrose nonfermentable (SWI/SNF) chromatin remodeling complex (IC₅₀ = 75 nM). It displayed antitumor activity in an acute myeloid leukemia xenograft model. BI-9564 displayed cytotoxic and anti-proliferative effects in 5 rhabdoid tumor cell lines.

Application Procedures

First dissolved in DMSO (up to 5 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.