

Catalog	Unit
TBI4016-5MG	5 mg
TBI4016-25MG	25 mg

Product Details

Formal Name: N-[1,3-Dimethyl-6-[(2R)-2-methylpiperazin-1-yl]-2-oxobenzimidazol-5-yl]-2-methoxybenzamide

Molecular Formula: C₂₂H₂₇N₅O₃

Formula Weight: 409.49

CAS Number: 1910124-24-1

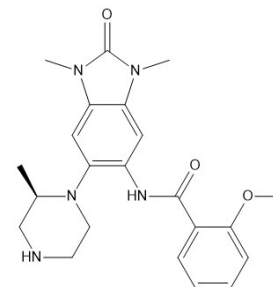
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to at least 25 mg/ml) or in Ethanol (25 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

BRPF1 inhibitor

Functions

Very potent (pIC₅₀ = 8.6 vs full length protein, 7.7 in cellular assays) inhibitor of Bromodomain and PHD Finger-containing 1 (BRPF1). It displayed >1600-fold selectivity over other bromodomains.

Application Procedures

First dissolved in DMSO (up to at least 25 mg/ml) or in Ethanol (25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.