

## SBI-0206965, ULK1 inhibitor

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| Catalog      | Unit  |
|--------------|-------|
| TBI1623-5MG  | 5 mg  |
| TBI1623-25MG | 25 mg |

### Product Details

**Formal Name:** 2-((5-Bromo-2-((3,4,5-trimethoxyphenyl)amino)pyrimidin-4-yl)oxy)-N-methylbenzamide

**Molecular Formula:** C<sub>21</sub>H<sub>21</sub>BrN<sub>4</sub>O<sub>5</sub>

**Formula Weight:** 489.32

**CAS Number:** 1884220-36-3

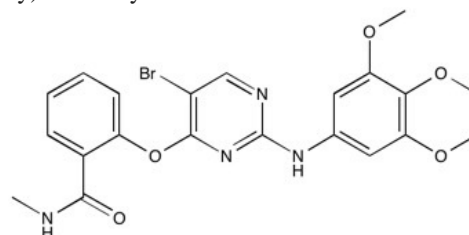
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 30 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

ULK1 inhibitor

### Functions

A potent and selective inhibitor of the autophagy kinase ULK-1, IC<sub>50</sub>=108 and 711 nM for ULK1 and 2 respectively. Suppresses autophagy induced by mTOR inhibitors and thus synergizes with mTOR inhibitors to induce apoptosis and cell death in tumor cells.

### Application Procedures

First dissolved in DMSO (up to 30 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.**