



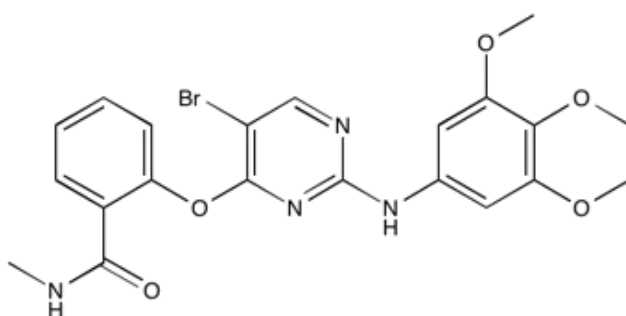
**Catalog # 10-1623**

**SBI-0206965**

CAS# 1884220-36-3

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

Lot # X107932



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

1) Egan *et al.* (2015), *Small Molecule Inhibition of the Autophagy Kinase ULK1 and Identification of ULK1 Substrates*; Mol. Cell, **59** 285

#### **PHYSICAL DATA**

Molecular Weight:	489.32
Molecular Formula:	C <sub>21</sub> H <sub>21</sub> BrN <sub>4</sub> O <sub>5</sub>
Purity:	98% by HPLC/TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 30 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied desiccated at -20°C for up to 1 years from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

**Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.**

Focus Biomolecules LLC 400 Davis Drive, Suite 600 Plymouth Meeting PA 19462

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