

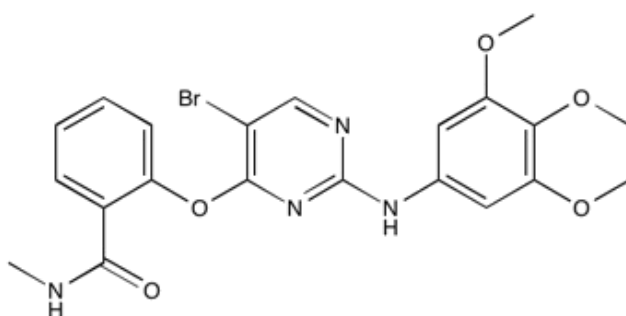
Catalog # 10-1623

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, IC₅₀=108 and 711 nM for ULK1 and 2 respectively.¹ Suppresses autophagy induced by mTOR inhibitors and thus synergizes with mTOR inhibitors to induce apoptosis and cell death in tumor cells.¹

- 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 ₂₁ H ₂₁ BrN ₄ O ₅
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.

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