

SBI-0206965

Cat. # F6210, F6211

Also Known as:	2-(5-bromo-2-(3,4,5-trimethoxyphenylamino)pyrimidin-4-yloxy)-N-methylbenzamide
Formula:	C ₂₁ H ₂₁ BrN ₄ O ₅
MW:	489.32 Da
CAS No.:	N/A
Source:	Synthetic
Form:	Lyophilized powder
Solubility:	10 mg/ml in DMSO
Concentration:	N/A
Quality Assurance:	>98% by HPLC and NMR
Description:	SBI-0206965 is a potent inhibitor of the autophagy kinase ULK1. It inhibits ULK1 and ULK2 kinases with IC ₅₀ of 108 nM and 711 nM, respectively. ULK1 is a serine/threonine kinase acting upstream of PI3K to regulate the formation of autophagophores, the precursors of autophagosomes, in response to nutrient deprivation. SBI-0206965 suppresses ULK1-mediated phosphorylation events in cells, regulating autophagy and cell survival.
Storage:	Eligible for room temperature shipping. Store at -80°C upon receiving; avoid multiple freeze-thaw cycles after dissolving in DMSO.
Note:	Briefly spin the tube before removing the cap.
Literature:	Egan, DF, <i>et al.</i> (2015) Mol Cell 59 285-297.

