

Product Name	: mTOR inhibitor-1
Synonyms	: —
Cat No.	: M20101
CAS Number	: 468747-17-3
Molecular Formula	: C ₁₆ H ₁₅ BrN ₂ O ₃
Formula Weight	: 363.21
Chemical Name	: —
Description	: C-4 is a potential ATP-competitive inhibitor of mTOR. C-4 could inhibit cell growth and proliferation.
Pathway	: PI3K/Akt/mTOR signaling
Target	: mTOR
Receptor	: mTOR
Solubility	: DMSO: 70 mg/mL (192.72 mM)
SMILES	: <chem>ClC(=N)NC(=O)c1ccc(C)c(Br)c1c1ccc(O)cc1O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Liu J et al. In Silico Discovery of a Small Molecule Suppressing Lung Carcinoma A549 Cells Proliferation and Inducing Autophagy via mTOR Pathway Inhibition. Mol Pharm. 2018 Nov 5;15(11):5427-5436.