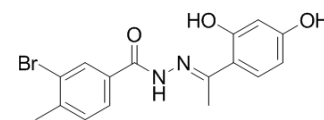


## mTOR inhibitor-1

Cat. No.:	HY-112914
CAS No.:	468747-17-3
Molecular Formula:	C <sub>16</sub> H <sub>15</sub> BrN <sub>2</sub> O <sub>3</sub>
Molecular Weight:	363.21
Target:	mTOR
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

Description	mTOR inhibitor-1 is a novel <b>mTOR pathway</b> inhibitor which can suppress cells proliferation and inducing autophagy.
IC <sub>50</sub> & Target	mTOR <sup>[1]</sup>

### REFERENCES

[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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA