

mTORC1-IN-1

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	mTORC1-IN-1 (T1), a rapamycin homologue (rapalog) and selective inhibitor of mTORC1, controls cell growth and metabolism, with implications in various diseases such as cancer. It interacts with mTORC1 by attaching to the FKBP12-FRB complex, evidencing a docking score of -11.6 kcal/mol [1].
Targets(IC50)	mTOR

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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