

(32-Carbonyl)-RMC-5552 Biochemical

(32-Carbonyl)-RMC-5552

CATALOG #
AAA228384

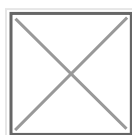
PRODUCT SYNONYMS

(32-Carbonyl)-RMC-5552; (32-Carbonyl)-RMC-5552 biochemical

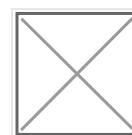
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2382768-55-8
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
IRES-C11, CAS 342416-30-2



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ADDITIONAL INFORMATION

Related Product Information for (32-Carbonyl)-RMC-5552 biochemical	(32-Carbonyl)-RMC-5552 is a potent mTOR inhibitor. (32-Carbonyl)-RMC-5552 inhibits mTORC1 and mTORC2 substrate (p-P70S6K-(T389), p-4E-BP1-(T37/36), AND p-AKT1/2/3-(S473)) phosphorylation with pIC 50 s of 9, 9 and between 8 and 9, respectively (patent WO2019212990A1, example 2).
References	1. Brent Holmes, et al. Mechanistic Target of Rapamycin (mTOR) Inhibition Synergizes with Reduced Internal Ribosome Entry Site (IRES)-mediated Translation of Cyclin D1 and c-MYC mRNAs to Treat Glioblastoma. J Biol Chem. 2016 Jul 1;291(27):14146-14159. 2. Y Shi, et al. Therapeutic potential of targeting IRES-dependent c-myc translation in multiple myeloma cells during ER stress. Oncogene. 2016 Feb 25;35(8):1015-24.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/32-carbonyl-rmc-5552/228384>