

MRTX849 acid Biochemical | MRTX849 biochemical

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CATALOG #
AAA228497

PRODUCT SYNONYMS

MRTX849 acid; MRTX849 biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2561529-96-0
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	LC-2 induces degradation of endogenous KRASG12C in multiple KRAS mutant cancer cell (NCI-H2030, MIA PaCa-2, SW1573, NCI-H23 and NCI-H358 cells) with DC 50 s between 0.25 and 0.76 μ M. LC-2-induced KRASG12C degradation occurs via a bona fide PROTAC mechanism. MIA PaCa-2, NCI-H23, and SW1573 cells are treated with 2.5 μ M of LC-2 for 6, 24, 48, and 72 h. In all three cell lines, maximal KRAS degradation occurred within 24 h and was sustained up to 72 h[1]. LC-2-induced (2.5 μ M; 6-24 hours) KRAS G12C degradation modulates Erk signaling in homozygous and heterozygous KRAS mutant cell lines[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES

LLEFYLPMPFATPMEAEARRSLAQ

Structure
NY-ESO-1 (87-111), CAS 508230-31-7

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ADDITIONAL INFORMATION

Related Product Information for MRTX849 biochemical	MRTX849 acid, a derivative of MRTX849, can be used in the synthesis of PROTAC LC-2 (HY-137516). LC-2 is a potent and first-in-class PROTAC capable of degrading endogenous KRAS G12C (DC 50 s between 0.25 and 0.76 μ M).
References	1. Maja Mandic, et al. One NY-ESO-1-derived epitope that promiscuously binds to multiple HLA-DR and HLA-DP4 molecules and stimulates autologous CD4+ T cells from patients with NY-ESO-1-expressing melanoma. J Immunol. 2005 Feb 1;174(3):1751-9.

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://www.aaabiotech.com/biochemical/mrx849-acid/228497>