

Mal-C2-cyclohexylcarboxyl-hydrazide hydrochloride Biochemical

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CATALOG #
AAA227882

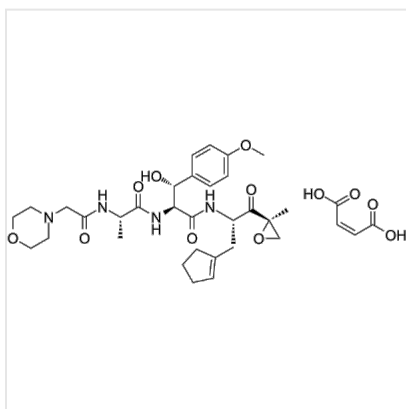
PRODUCT SYNONYMS

Mal-C2-cyclohexylcarboxyl-hydrazide hydrochloride; KZR-616 maleate; Mal-C2-cyclohexylcarboxyl-hydrazide hydrochloride biochemical

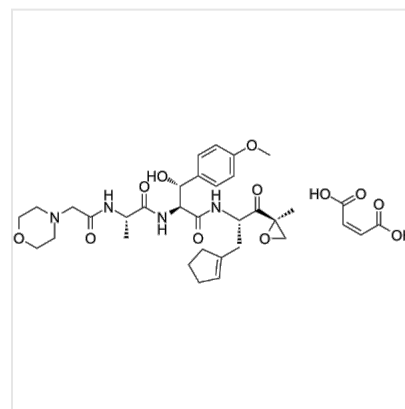
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	174422-72-1
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Zetomipzomib maleate, CAS 2170983-62-5



Structure
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ADDITIONAL INFORMATION

Related Product Information for Mal-C2-cyclohexylcarboxyl-hydrazide hydrochloride biochemical

Mal-C2-cyclohexylcarboxyl-hydrazide hydrochloride is an alkyl chain-based PROTAC linker that can be used in the synthesis of PROTACs.

References

1. Johnson HWB, et al. Required Immunoproteasome Subunit Inhibition Profile for Anti-Inflammatory Efficacy and Clinical Candidate KZR-616 ((2 S,3 R)- N-((S)-3-(Cyclopent-1-en-1-yl)-1-((R)-2-methyloxiran-2-yl)-1-oxopropan-2-yl)-3-hydroxy-3-(4-methoxyphenyl)-2-((S)-2-(2-morpholinoacetamido)propanamido)propenamide). J Med Chem. 2018 Dec 27;61(24):11127-11143.
2. Muchamuel T, et al. FRI0296 Kzr-616, a selective inhibitor of the immunoproteasome, blocks the disease progression in multiple models of systemic lupus erythematosus (SLE). Annals of the Rheumatic Diseases 2018;77:685.
3. Xi J, et al. Immunoproteasome-selective inhibitors: An overview of recent developments as potential drugs for hematologic malignancies and autoimmune diseases. Eur J Med Chem. 2019;182:111646.

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/mal-c2-cyclohexylcarboxyl-hydrazide-hydrochloride/227882>