

Ara-F-NAD⁺ biochemical

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CATALOG #
AAA227594

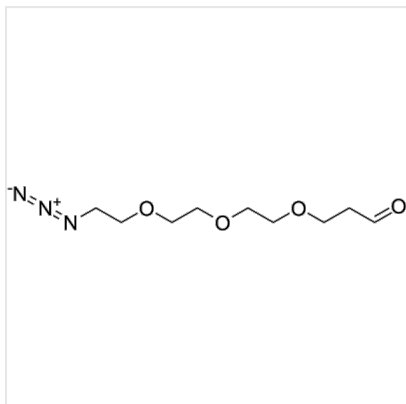
PRODUCT SYNONYMS

Ara-F-NAD⁺; Ara-F-NAD⁺ biochemical

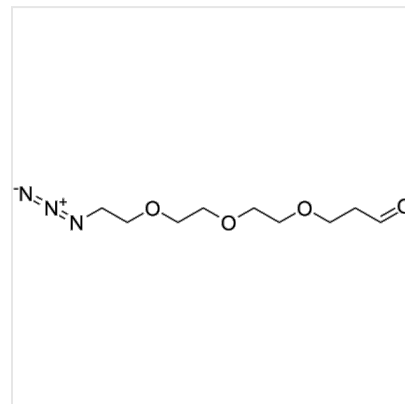
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	133575-27-6
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	The leucocyte surface antigen CD38 has been shown to be an ecto-enzyme with multiple catalytic activities. It is principally a NAD ⁺ glycohydrolase that transforms NAD ⁺ into ADP-ribose and nicotinamide. CD38 is also able to produce small amounts of cyclic ADP-ribose (ADP-ribosyl cyclase activity) and to hydrolyse this cyclic metabolite into ADP-ribose (cyclic ADP-ribose hydrolase activity)[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Azido-PEG3-aldehyde, CAS 1807530-10-4



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ADDITIONAL INFORMATION

Related Product Information for Ara-F-NAD ⁺ biochemical	Ara-F-NAD ⁺ , an arabino analogue of NAD ⁺ , is a potent, slow-binding CD38 NADase inhibitor, with a K _i of 169 nM.
References	1. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

NCBI AND UNIPROT INFORMATION

Molecular Weight	231.252
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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/ara-f-nad/227594>