

PKM2-IN-3 biochemical

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CATALOG #
AAA228399

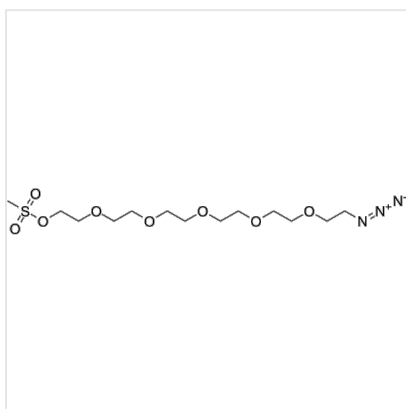
PRODUCT SYNONYMS

PKM2-IN-3; PKM2-IN-3 biochemical

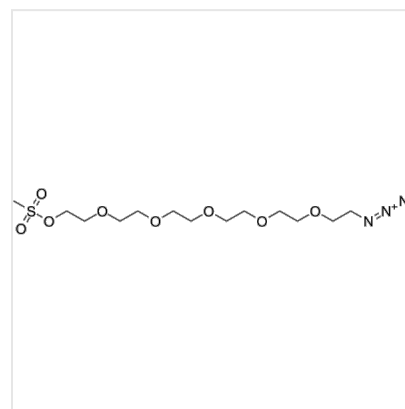
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2408841-19-8
Targets&IC50	PKM2:4.1 uM (IC50)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	PKM2-IN-3 (1, 10 mg/kg; i.p.; daily for 3 days) significantly reverses the LPS-induced mice behavior changes in open field test[1]. PKM2-IN-3 (1, 10 mg/kg; i.v.; injected at 4 hours and 24 hours after ischemia onset) reduces the infarct volume and improves neurological deficits of tMCAO rats[1]. Animal Model: LPS-induced mice (male 6-8 weeks old; 20.0-22.0 g)[1]. Dosage: 1, 10 mg/kg. Administration: i.p.; daily for 3 days. Result: Reversed the LPS-induced mice behavior changes in open field test. Animal Model: tMCAO Sprague-Dawley rats (Male 8-10 weeks old; 250.0-280.0 g)[1]. Dosage: 1, 10 mg/kg. Administration: i.v.; injected at 4 hours and 24 hours after ischemia onset. Result: Reduced the infarct volume and improved neurological deficits of tMCAO rats.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Azido-PEG6-MS, CAS 352439-38-4



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ADDITIONAL INFORMATION

Related Product Information for PKM2-IN-3 biochemical	PKM2-IN-3 is an inhibitor of PKM2 kinase with an IC 50 value of 4.1 uM. PKM2-IN-3 exhibits an anti-neuroinflammatory effect by inhibiting PKM2-mediated glycolysis and NLRP3 activation.
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

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/pkm2-in-3/228399>