

ARI-3099

Chemical Properties

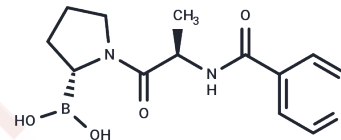
CAS No. : 1432499-49-4

Formula: C₁₃H₁₈BN₃O₄

Molecular Weight: 291.11

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	ARI-3099 inhibits fibroblast activation protein, alpha (FAP).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4351 mL	17.1756 mL	34.3513 mL
5 mM	0.687 mL	3.4351 mL	6.8703 mL
10 mM	0.3435 mL	1.7176 mL	3.4351 mL
50 mM	0.0687 mL	0.3435 mL	0.687 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Coppage AL, Heard KR, DiMare MT, Liu Y, Wu W, Lai JH, Bachovchin WW. Human FGF-21 Is a Substrate of Fibroblast Activation Protein. PLoS One. 2016 Mar 10;11(3):e0151269. doi: 10.1371/journal.pone.0151269. PubMed PMID: 26962859; PubMed Central PMCID: PMC4786124.

Poplawski SE, Lai JH, Li Y, Jin Z, Liu Y, Wu W, Wu Y, Zhou Y, Sudmeier JL, Sanford DG, Bachovchin WW. Identification of selective and potent inhibitors of fibroblast activation protein and prolyl oligopeptidase. J Med Chem. 2013 May 9;56(9):3467-77. doi: 10.1021/jm400351a. PubMed PMID: 23594271; PubMed Central PMCID: PMC4059180.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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