

FMF-04-159-R biochemical

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CATALOG #
AAA227135

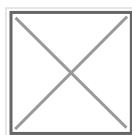
PRODUCT SYNONYMS

FMF-04-159-R; LMNG; FMF-04-159-R biochemical

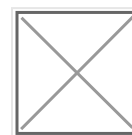
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMSO: 68.5 mg/mL(100 mM) Ethanol: 34.25 mg/mL(50 mM) <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Lauryl maltose neopentyl glycol, CAS 1257852-96-2



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ADDITIONAL INFORMATION

Related Product Information for FMF-04-159-R biochemical	Potent inhibitor of CDK16 and CDK14 (IC50 values are 6 and 140 nM, respectively in kinase activity assay; IC50 = 563 nM for CDK14 in BRET assay). Also binds CDK2 (IC50 = 493 nM). Inhibition reversible upon compound wash-out. Control for FMF-04-159-2.
References	1. Breyton C, et, al. Assemblies of lauryl maltose neopentyl glycol (LMNG) and LMNG-solubilized membrane proteins. Biochim Biophys Acta Biomembr. 2019 May 1;1861(5):939-957. 2. Fogeron ML, et, al. Wheat germ cell-free expression: Two detergents with a low critical micelle concentration allow for production of soluble HCV membrane proteins. Protein Expr Purif. 2015 Jan;105:39-46.

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.