

1-Stearoyl-2-arachidonoyl-sn-glycerol Biochemical

1-Stearoyl-2-arachidonoyl-sn-glycerol

CATALOG #
AAA228829

PRODUCT SYNONYMS

1-Stearoyl-2-arachidonoyl-sn-glycerol; 1-Stearoyl-2-arachidonoyl-sn-glycerol biochemical

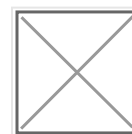
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	65914-84-3
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	1-Stearoyl-2-arachidonoyl-sn-glycerol (0.3-3 uM) augments nonselective cation channel (NSCC) activity in airway smooth muscle cells[1]. 1-Stearoyl-2-arachidonoyl-sn-glycerol (0-5 uM) exerts significantly stimulatory effects on activation of PKCalpha, PKCdelta, PKCgamma, PKCepsilon and PKCbeta[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Bromodichloronitromethane, CAS 918-01-4



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ADDITIONAL INFORMATION

Related Product Information for 1-Stearoyl-2-arachidonoyl-sn-glycerol biochemical	1-Stearoyl-2-arachidonoyl-sn-glycerol is a diacylglycerol (DAG) containing polyunsaturated fatty acids. 1-Stearoyl-2-arachidonoyl-sn-glycerol can activate PKC. 1-Stearoyl-2-arachidonoyl-sn-glycerol also can augment nonselective cation channel (NSCC) activity.
References	1. Bijit Kundu, et al. Mutagenicity in Salmonella of halonitromethanes: a recently recognized class of disinfection by-products in drinking water. Mutat Res. 2004 Aug 8;562(1-2):39-65.

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/1-stearoyl-2-arachidonoyl-sn-glycerol/228829>