

6(S)-Lipoxin A4 Biochemical

6(S)-Lipoxin A4

CATALOG #
AAA227279

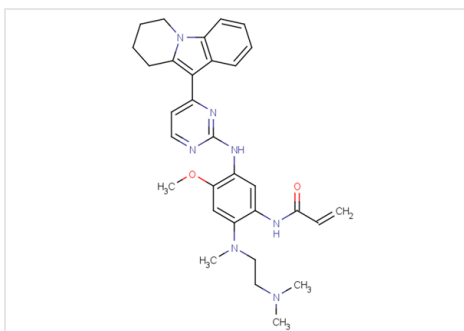
PRODUCT SYNONYMS

6(S)-Lipoxin A4; SH-1028; 6(S)-Lipoxin A4 biochemical

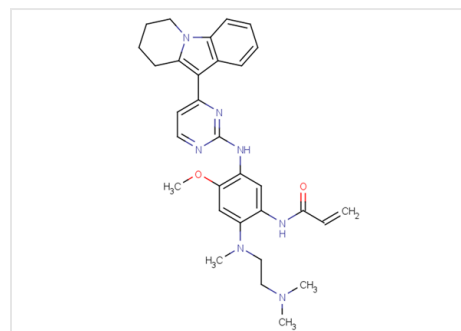
PRODUCT SPECIFICATIONS

Purity/Purification	98%
SMILES	11-cis isomer
Formula	C ₂₀ H ₃₂ O ₅
CAS	94292-80-5
Solubility	<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
Oritinib, CAS 2035089-28-0



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ADDITIONAL INFORMATION

Related Product Information for 6(S)-Lipoxin A4 biochemical	The lipoxins are trihydroxy fatty acids containing a 7,9,11,13-conjugated tetraene. Lipoxin A4 (LXA4) was first described as a metabolite of 15-HpETE and/or 15-HETE when added in vitro to isolated human leukocytes. The material obtained in this manner consists of at least four distinct isomers: 5(S), 6(S); 5(S), 6(R); and the 11-trans and 11-cis isomers of each of these. 6(S)-LXA4 is one of the original four metabolites first identified by Serhan, Nicolaou, and Samuelsson. It was considered to be an artifact by these authors because it lacked the potency of the 5(S),6(R) isomer with respect to contraction of isolated guinea pig lung parenchymal strips. It has not been possible to isolate natural LXA4 from humans or other mammals in amounts sufficient for determination of absolute stereochemistry. Most authors refer to LXA4 as the 5(S)
Product Categories/Family for 6(S)-Lipoxin A4 biochemical	JAK/STAT signaling; Tyrosine Kinase/Adaptors; Angiogenesis
References	1. Luwei Han, et al. SH-1028, An Irreversible Third-Generation EGFR TKI, Overcomes T790M-Mediated Resistance in Non-Small Cell Lung Cancer. Front Pharmacol. 2021 Apr 27;12:665253.

NCBI AND UNIPROT INFORMATION

Molecular Weight	539.67
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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://www.aaabiotech.com/biochemical/6-s-lipoxin-a4/227279>