

Product Datasheet

6(S)-Lipoxin A4 (orb2279189)

Description	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)
Storage	-20°C
Note	For research use only
Formula	$C_{20}H_{32}O_5$
Purity	98.00%
MW	352.471
CAS Number	94292-80-5
SMILES	<chem>CCCC[C@H](O)\C=C\C=C/C=C/C=C/[C@H](O)[C@@H](O)CCCC(O)=O</chem>
Expiration Date	12 months from date of receipt.

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