PRODUCT INFORMATION

CAY10631
Item No. 10562

CAS Registry No.: 2649103-52-4
MF: C_{32}H_{54}O
FW: 454.8
Purity: ≥95%
Supplied as: A solution in ethanol
Storage: -20°C
Stability: ≥1 year

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

CAY10631 is supplied as a solution in ethanol. To change the solvent, simply evaporate the ethanol under a gentle stream of nitrogen and immediately add the solvent of choice. DMSO and dimethyl formamide purged with an inert gas can be used. The solubility of CAY10631 in these solvents is approximately 10 and 20 mg/ml, respectively.

Description

Very long chain fatty acids derived from docosahexaenoic acid by the action of fatty acid elongases are important in retinal development and macular diseases.1-3 These fatty acids are commonly incorporated into the sn-1 position of membrane phospholipids, predominantly phosphatidylcholine, and are involved in binding the photoreceptor rhodopsin.

References