

Product Data Sheet

Product Name: Sphingosine-1-Phosphate Lyase Fluorogenic Substrate

Cat. No.: GC44936

Chemical Properties

Cas. No. 1166838-84-1

SMILES O=C1OC2=C(C=CC(OCC[C@@H](O)[C@@H]([NH3+])COP([O-])(O)=O)=C2)C=C1

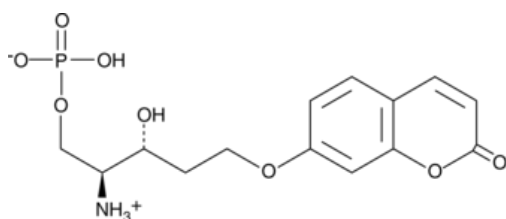
Formula $C_{14}H_{18}NO_8P$ M.Wt 359.3

Solubility 10 Mm NaOH: 1 mg/ml; DMF: 0.5 mg/ml; DMSO: 0.5 mg/ml; PBS (pH 7.2): 10 mg/ml
Storage Store at -20°C, protect from light

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

S1P lyase fluorogenic substrate is a substrate of S1P lyase, leading to the production of the fluorescent product umbelliferone (7-hydroxycoumarin) under appropriate conditions. This compound is intended to be used to monitor or measure S1P lyase activity.

Caution: Product has not been fully validated for medical applications. For research use only.

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