

Product Data Sheet

Product Name: Cenerimod

Cat. No.: GC19100

Chemical Properties

Cas. No. 1262414-04-9

SMILES OC[C@H](O)COC1=C(C)C=C(C2=NOC(C3=CC(C4CCCC4)=NC(OC)=C3)=N2)C=C1C

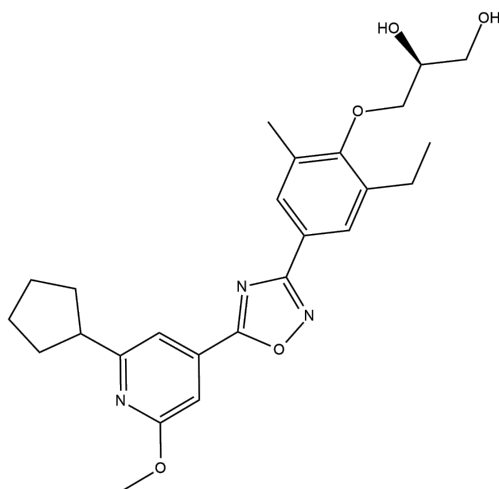
Formula $C_{25}H_{31}N_3O_5$ M.Wt 453.53

Solubility DMSO : ≥ 100 mg/mL (220.49 mM); Water : < 0.1 mg/mL (insoluble) Storage Store at -20°C

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

Cenerimod (ACT-334441) is a potent and orally available sphingosine 1-phosphate 1 receptor (S1P1) agonist extracted from patent WO 2016184939 A1 and WO 2011007324 A1, example 1, with an EC_{50} of 2.7 nM.

References:

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

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[1]. WO 2016184939 A1

[2]. WO 2011007324 A1

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