

Lysophospholipid Mediators

Lysophosphatidic acid

Endogenous LPA receptor agonist. A lysophospholipid growth factor.¹

Product No: 10-1449 5 mg/ 25 mg/

Sphingosine-1-phosphate

Endogenous sphingolipid metabolite whose effects are mediated through EDG receptors, 1, 3, 5, 6, and 8.^{2,3}

Product No: 10-4526 1 mg/ 5 mg/

Dodecyl phosphate

LPA2/3 agonist.⁴

Product No: 10-4476 10 mg/ 50 mg/

GRI-977143

Selective LPA2 agonist. Activates the ERK1/2 pro-survival pathway.^{5,6}

Product No: 10-1442 5 mg/ 25 mg/

H2L5186303

Potent and selective LPA2 antagonist.^{7,8}

Product No: 10-1452 5 mg/ 25 mg/

CYM-5541

Allosteric agonist of the sphingosine-1-phosphate receptor 3 (S1P3).⁹

Product No: 10-4493 5 mg/ 25 mg/

FTY720-HCl

Sphingosine analog that is phosphorylated in cells and acts as an agonist at sphingosine-1-phosphate receptors (S1P1/3).¹⁰ Inhibits regulatory T cell proliferation¹¹ and acts as a potent immunomodulator¹².

Product No: 10-2138 50 mg/ 250 mg/

NVP-231

Reversible inhibitor of ceramide kinase.¹³

Product No: 10-4694 5 mg/ 25 mg/

PF-543-HCl

Potent and selective (>100 fold over SphK2) reversible inhibitor of sphingosine kinase-1 (SphK1).¹⁴

Product No: 10-4998 5 mg/ 25 mg/

N,N-Dimethylsphingosine

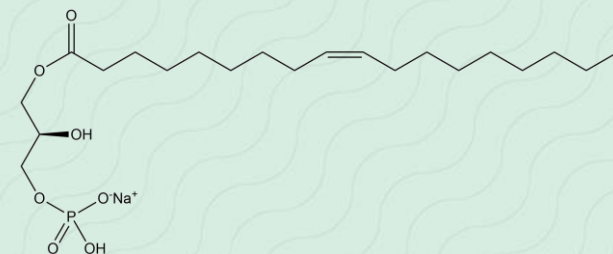
Derivative of D-erythro-sphingosine that inhibits sphingosine kinase.¹⁵

Product No: 10-2285 5 mg/ 25 mg/

THI

Potent inhibitor of sphingosine-1-phosphate lyase.¹⁶ Displays novel immunomodulatory activity via disruption of lymphocyte egress from lymphoid tissue.^{17,18}

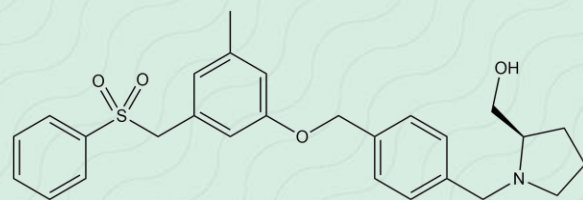
Product No: 10-2477 5 mg/ 25 mg/



Lysophosphatidic acid



Sphingosine-1-phosphate



PF-543-HCl

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