

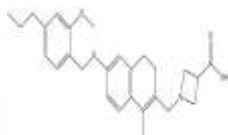
PRODUCT: Ceralifimod

ALTERNATE NAME: 1-((6-((2-methoxy-4-propylbenzyl)oxy)-1-methyl-3,4-dihydronaphthalen-2-yl)methyl)azetidine-3-carboxylic acid; ONO-4641

CATALOG #: B1289-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₇H₃₃NO₄

MOLECULAR WEIGHT: 435.56

CAS NUMBER: 891859-12-4

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light.

DESCRIPTION: Ceralifimod (also known as ONO-4641), is a next-generation sphingosine 1-phosphate (S1P) receptor agonist selective for S1P receptors 1 and 5. In vitro, ONO-4641 displays highly potent agonistic activities versus S1P receptors 1 and 5 (EC₅₀ values of 0.0273 and 0.334 nM, respectively). ONO-4641 decreases peripheral blood lymphocyte counts in rats by inhibiting lymphocyte egress from secondary lymphoid tissues.

REFERENCES: Ohno, T., et al. (2010). *Biopharm Drug Dispos.* **31**, 396-406.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

C2 Ceramide (**Cat. No. 2390-5, 25**)

Ozanimod (**Cat. No. B1196-5,25**)

Sphingosine Kinase Inhibitor, SKI-I (**Cat. No. 2046-5, 25**)

Sphingosine Kinase Inhibitor, SKI-II (**Cat. No. 2047-5, 25**)

Sphingosine Kinase 1 Antibody (**Cat. No. 3883-100**)

Sphingosine Kinase 2 Antibody (**Cat. No. 3884-100**)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**