

PRODUCT:**Avasimibe****ALTERNATE NAME:**

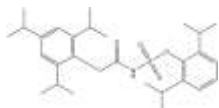
[2,6-di(propan-2-yl)phenyl] N-[2-[2,4,6-tri(propan-2-yl)phenyl]acetyl]sulfamate; CI-1011; PD 148515

CATALOG #:

9506-5, 25

AMOUNT:

5 mg, 25 mg

STRUCTURE:**MOLECULAR FORMULA:**

C₂₉H₄₃NO₄S

MOLECULAR WEIGHT:

501.72

CAS NUMBER:

166518-60-1

APPEARANCE:

White to off-white solid

SOLUBILITY:

DMSO (>35 mg/ml)

PURITY:

≥98% by HPLC

STORAGE:

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

DESCRIPTION:

Avasimibe is an orally bioavailable inhibitor of the acyl coenzyme A: cholesterol acyltransferase (ACAT) (IC₅₀ = 60 nM). Avasimibe also inhibits major drug metabolizing enzymes such as CYP2C9 (IC₅₀ = 2.9 μM), CYP1A2 (IC₅₀ = 13.9 μM), and CYP2C19 (IC₅₀ = 26.5 μM).

REFERENCES:

Sahi, J., *et al.* (2004). *Drug Metab. Dispos.* **32**, 1370-1376;
Lee, H.T., *et al.* (1996). *J. Med.Chem.* **39**, 5031-5034.

HANDLING:

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

RELATED PRODUCTS:

Azamulin (**Cat.#2915**)

Caffeic Acid (**Cat#2006**)

Itraconazole (**Cat#1987**)

Pellitorine (**Cat.#2053**)

Quercetin, Dihydrate (**Cat#1773**)

Quinidine Sulfate dihydrate (**Cat#2910**)

Resveratrol (**Cat#1758**)

Rosiglitazone (**Cat#1559**)

Terpendole C (**Cat.# 2214**)

Thiabendazole (**Cat#2161**)

USAGE:

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