**PRODUCT:** Avasimibe  
**ALTERNATE NAME:** [2,6-di(propan-2-yl)phenyl] N-[2-[2,4,6-tri(propan-2-yl)phenyl]acetyl]sulfamate; Cl-1011; PD 148515  
**CATALOG #:** 9506-5, 25  
**AMOUNT:** 5 mg, 25 mg  

**STRUCTURE:**

![Avasimibe Structure](image)

**MOLECULAR FORMULA:** C_{29}H_{43}NO_4S  
**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) (IC_{50} = 60 nM). Avasimibe also inhibits major drug metabolizing enzymes such as CYP2C9 (IC_{50} = 2.9 µM), CYP1A2 (IC_{50} = 13.9 µM), and CYP2C19 (IC_{50} = 26.5 µM).  

**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)

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

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