

PRODUCT: Darapladib**ALTERNATE NAME:**

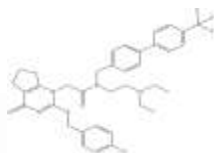
N-[2-(diethylamino)ethyl]-2-[[4-(4-fluorophenyl)methyl]thio]-4,5,6,7-tetrahydro-4-oxo-N-[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]-1H-Cyclopentapyrimidine-1-acetamide; SB-480848

CATALOG #:

B1265-5,25

AMOUNT:

5 mg, 25 mg

STRUCTURE:**MOLECULAR FORMULA:** $C_{36}H_{38}F_4N_4O_2S$ **MOLECULAR WEIGHT:**

666.78

CAS NUMBER:

356057-34-6

APPEARANCE:

Crystalline solid

SOLUBILITY:

DMSO

PURITY:

≥98% by HPLC

STORAGE:

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

DESCRIPTION:

Darapladib (SB-480848), is a reversible lipoprotein-associated phospholipase A2 (Lp-PLA₂) inhibitor (IC₅₀ of 0.25 nM). It produces sustained inhibition of plasma Lp-PLA₂ activity in humans receiving intensive atorvastatin therapy. Lp-PLA₂ inhibition with Darapladib also reduces the development of coronary atherosclerotic plaques.

REFERENCES:

Blackie, J.A., *et al.* (2003). *Bioorg. Med. Chem. Lett.* 13, 1067-1070.

HANDLING:

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

RELATED PRODUCTS:Darapladib (**B1265**)FIPI (**9593**)LY315920 (**2666**)**USAGE:****FOR RESEARCH CH USE ONLY! Not to be used in humans**