

Product Data Sheet

Product Name: AZD 2716

Cat. No.: GC49784

Chemical Properties

Cas. No. 1845753-81-2

SMILES NC(C1=C(C2=CC(C[C@@H](C)C(O)=O)=CC=C2)C=C(C=C1)CC3=CC=CC=C3)=O

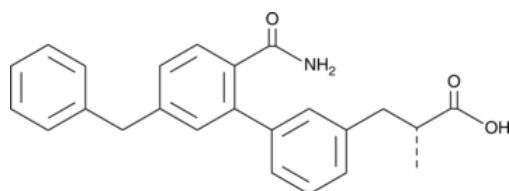
Formula C₂₄H₂₃NO₃ M.Wt 373.4

Solubility DMF: 16 mg/mL, DMSO: 10 mg/mL, Ethanol: 16 mg/mL, PBS (pH 7.2): 0.3 mg/mL Storage -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

AZD 2716 is an inhibitor of secretory phospholipase A₂ (sPLA₂; IC₅₀s = 0.01, 0.04, and 0.4 μM for sPLA₂-IIa, -V, and -X, respectively).¹ It inhibits sPLA₂ activity in atherosclerotic plaque homogenates isolated from patients with coronary artery disease (IC₅₀ = 56 nM).

1. Giordanetto, F., Pettersen, D., Starke, I., et al. Discovery of AZD2716: A novel secreted phospholipase A₂ (sPLA₂) inhibitor for the treatment of coronary artery disease. *ACS Med. Chem. Lett.* 7(10):884-889 (2016)

Caution: Product has not been fully validated for medical applications. For research use only.

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