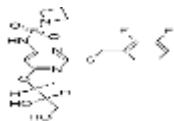


PRODUCT: AZD-5069

ALTERNATE NAMES: N-(2-((2,3-difluorobenzyl)thio)-6-(((2R,3S)-3,4-dihydroxybutan-2-yl)oxy)pyrimidin-4-yl)azetidine-1-sulfonamide

CATALOG NUMBER: B2053-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₁₈H₂₂F₂N₄O₅S₂

MOLECULAR WEIGHT: 476.51

CAS NUMBER: 878385-84-3

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: AZD-5069 is a potent and reversible CXCR2 chemokine receptor antagonist with potential anti-inflammatory and antineoplastic activities. Upon administration, CXC chemokine receptor 2 antagonist AZD5069 directly binds to CXCR2 and inhibits its activation. This inhibits CXCR2-mediated signaling and may inhibit tumor cell proliferation in CXCR2-overexpressing tumor cells.

REFERENCES: Kirsten, A.M., et al. (2015). *Pulm Pharmacol Ther.* **31**, 36-41.

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

RELATED PRODUCTS:

AZD-5069 (**B2053**)

MIP-2 Antibody (**5251**)

GSK-1325756 (**B1103**)

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