

Product Data Sheet

Product Name: AZD-5069

Cat. No.: GC32707

Chemical Properties

Cas. No. 878385-84-3

SMILES O=S(N1CCC1)(NC2=NC(SCC3=CC=CC(F)=C3F)=NC(O[C@H](C)[C@@H](O)CO)=C2)=O

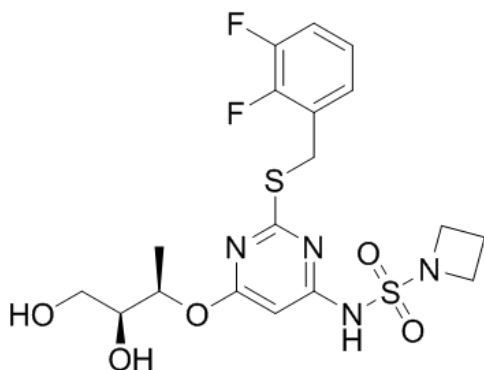
Formula C18H22F2N4O5S2 M.Wt 476.52

Solubility DMSO : 90 mg/mL (188.87 mM) Storage Store at -20°C

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

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

Structure



Background

AZD-5069 is a potent CXCR2 chemokine receptor antagonist, used for cancer treatment.

AZD-5069 (Compound 2) acts as CXCR2 antagonist by inhibition of [¹²⁵I]-IL-8 binding to human CXCR2 receptors and as inhibitor of GRO α -induced Ca²⁺ flux in human neutrophils loaded with fluo-3 dye[1].

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

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[1]. Norman P. Evidence on the identity of the CXCR2 antagonist AZD-5069. Expert Opin Ther Pat. 2013 Jan;23(1):113-7.

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