

Product Data Sheet

Product Name: Mivebresib

Cat. No.: GC19248

Chemical Properties

Cas. No. 1445993-26-9

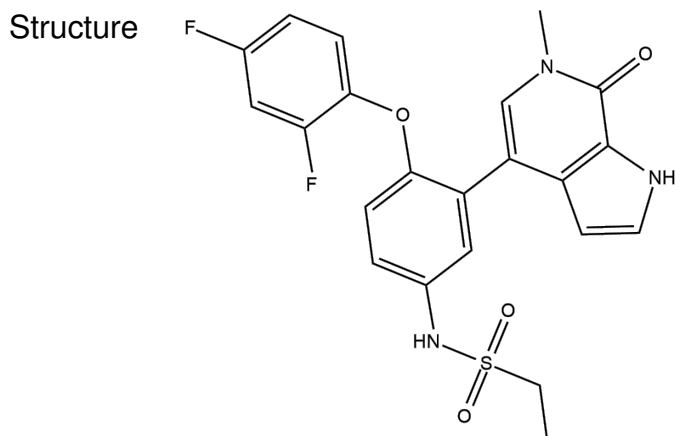
SMILES CCS(=O)(NC1=CC=C(OC2=CC=C(F)C=C2F)C(C3=CN(C)C(C4=C3C=CN4)=O)=C1)=O

Formula $C_{22}H_{19}F_2N_3O_4S$ M.Wt 459.47

Solubility DMSO : 100 mg/mL (217.64 mM) Storage Store at -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.



Background

Mivebresib is a potent and orally available bromodomain and extraterminal domain (BET) bromodomain inhibitor. Mivebresib binds to BRD4 with a K_i of 1.5 nM.

Mivebresib inhibit DHT-stimulated transcription of AR target genes without significant effect on AR protein expression. In addition to blocking the transcription activation downstream of AR, Mivebresib is also a potent inhibitor of MYC and the TMPRSS2-ETS fusion proteins[1].

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

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References:

[1]. EJ Faivre et al. Abstract 4694: ABBV-075, a novel BET family inhibitor, disrupts critical transcription programs that drive prostate cancer growth to induce potent anti-tumor activity in vitro and in vivo

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