

Product Data Sheet

Product Name: BDP-13176

Cat. No.: GC61612

Chemical Properties

Cas. No. 2290660-61-4

SMILES O=C(NC1=CC=NC=C1)C(C2=C3C=NN2C4CCNCC4)=CN(CC5=CC=C(Cl)C(Cl)=C5)C3=O

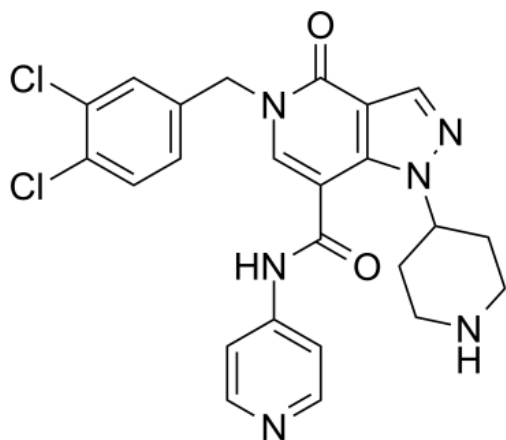
Formula $C_{24}H_{22}Cl_2N_6O_2$ M.Wt 497.38

Solubility DMSO: 125 mg/mL (251.32 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.

Structure



Background

BDP-13176 is a potent fascin 1 inhibitor, with a K_d of 90 nM and an IC_{50} of 240 nM. BDP-13176 has potential as an anti-metastatic agent[1].

BDP-13176 (0-1 μ M) inhibits fascin 1 bundling activity[1].

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

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[1]. Francis S, et al. Structure-based design, synthesis and biological evaluation of a novel series of isoquinolone and pyrazolo[4,3-c]pyridine inhibitors of fascin 1 as potential anti-metastatic agents. Bioorg Med Chem Lett. 2019;29(8):1023-1029.

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