

Product Data Sheet

Product Name: Zandelisib

Cat. No.: GC62480

Chemical Properties

Cas. No. 1401436-95-0

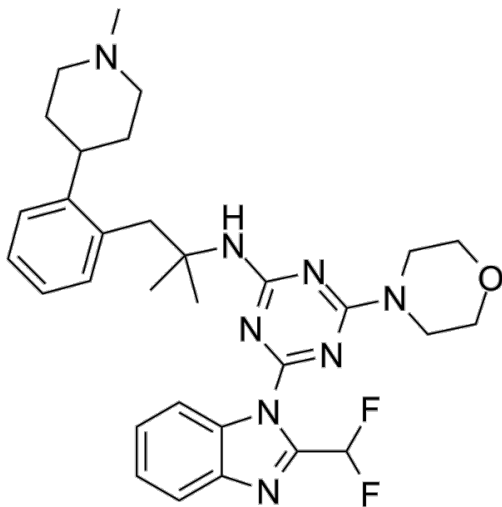
Formula $C_{31}H_{38}F_2N_8O$ M.Wt 576.68

Solubility DMSO : 33.33 mg/mL (57.80 mM; ultrasonic and warming and adjust pH to 3 with HCl and heat to 60°C) 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

Zandelisib (ME-401) is a phosphatidylinositol 3-kinase (PI3K) inhibitor extracted from patent WO2019183226 A1, Compound Example 1. Zandelisib selectively inhibits p110δ with an IC₅₀ of 3.5 nM. Zandelisib functions as an antineoplastic[1][2].

Zandelisib inhibits PI3Ks with IC₅₀s of 4, 976 nM, 605 nM, 817 nM and 3.5 nM for p110α, p110β, p110γ and p110δ, respectively[1].

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

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- [1]. Daniel P. Gold, et al. Combination therapy. WO2019183226A1.
- [2]. David Brown, et al. (sulfinyl and sulfonyl benzimidazolyl) pyrimidines and triazines, pharmaceutical compositions thereof, and their use for treating proliferative diseases. WO2014055647A1.

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