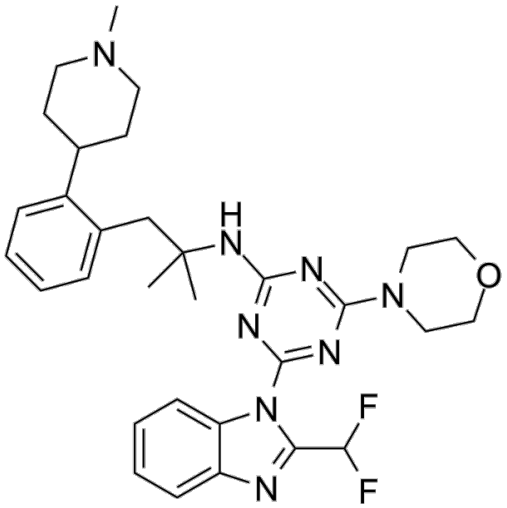
Product Data Sheet

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, respectivey[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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