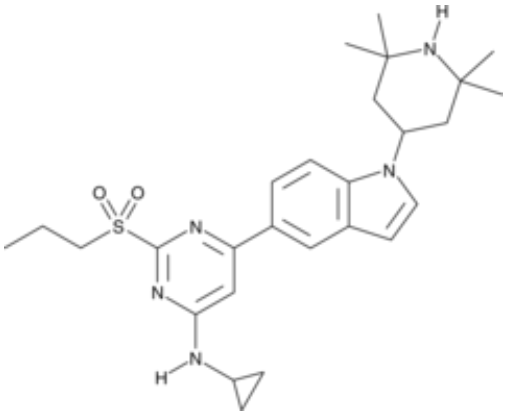
Product Data Sheet

Product Name: NVS-CECR2-1
Cat. No.: GC44477

Chemical Properties

Cas. No.	1992047-61-6		
SMILES	O=S(C1=NC(NC2CC2)=CC(C3=CC(C=CN4C5CC(C)(C)NC(C)(C)C5)=C4C=C3)=N1)(CCC)=O		
Formula	C27H37N5O2S	M.Wt	495.7
Solubility	DMSO: 0.3 mg/mL	Storage	4°C, protect from light
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

NVS-CECR2-1 is a potent inhibitor of CECR2 (cat eye syndrome chromosome region, candidate 2), a component of chromatin complexes that regulate gene expression controlling development. It binds CECR2 with high affinity (IC50 = 0.047 µM by Alpha screen, Kd = 0.80 µM by ITC). NVS-CECR2-1 demonstrates no crossreactivity in a panel of 48 bromodomains and has no major activity in kinase, protease, and receptor panels. It shows robust activity in cells by FRAP assay, due to its slow off-rate, and has no acute toxicity. See the Structural Genomics Consortium (SGC) website for more information.

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