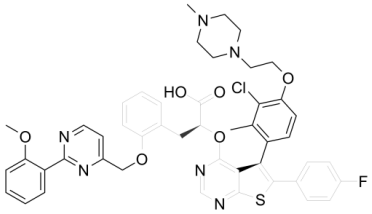
Data Sheet

Product Name:	MIK665
Cat. No.:	CS-0044179
CAS No.:	1799631-75-6
Molecular Formula:	C47H44ClFN6O6S
Molecular Weight:	875.41
Target:	Bcl-2 Family
Pathway:	Apoptosis
Solubility:	H2O : < 0.1 mg/mL (insoluble); DMSO : ≥ 125 mg/mL (142.79 mM)



BIOLOGICAL ACTIVITY:

MIK665 (S-64315) is a special **Mcl-1** inhibitor extracted from patent WO2016207225A1, compound Preparation 13, has an **IC_{50}** of 1.81 nM[1]. IC50 & Target: IC50: 1.81 nM (Mcl-1)[1] **In Vitro:** MIK665 (S-64315) inhibits H929 cell with an IC_{50} of 250 nM[1].

References:

[1]. Zoltán SZLÁVIK, et al. New hydroxyester derivatives, a process for their preparation and pharmaceutical compositions containing them. WO2016207225A1.

CAIndexNames:

Benzenepropanoic acid, α-[[(5S)-5-[3-chloro-2-methyl-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-6-(4-fluorophenyl)thieno[2,3-d]pyrimidin-4-yl]oxy]-2-[[2-(2-methoxyphenyl)-4-pyrimidinyl]methoxy]-, (αR)-

SMILES:

OC([C@@H](CC(C=CC=C1)=C1OCC2=CC=NC(C3=CC=CC=C3OC)=N2)OC4=C5[C@]([C@]6=C(C)C(Cl)=C(OCCN7CCN(C)CC7)C=C6)=C(C8=CC=C(F)C=C8)SC5=NC=N4)=O

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

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