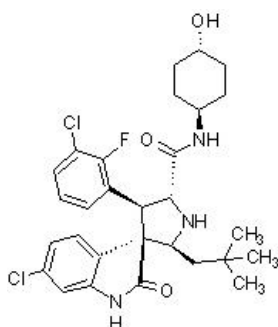


Product datasheet

MI-773, MDM2 inhibitor ab219381

Overview

Product name	MI-773, MDM2 inhibitor
Description	Highly potent, selective MDM2 inhibitor
Biological description	A spiro-oxindole that acts as a highly potent, selective MDM2 inhibitor. Binds to MDM2 ($K_i = 0.88$ nM) and blocks the MDM2-p53 interaction. Activates wild-type p53 <i>in vitro</i> and in xenograft tumor tissue of leukemia and solid tumors, leading to p53-dependent cell cycle arrest and/or apoptosis.
Purity	> 98%
CAS Number	1303607-60-4
Chemical structure	



Properties

Chemical name	(2'S,3R,4'S,5'R)-6-Chloro-4'-(3-chloro-2-fluorophenyl)-N-((1r,4R)-4-hydroxycyclohexyl)-2'-neopentyl-2-oxospiro[indoline-3,3'-pyrrolidine]-5'-carboxamide
Molecular weight	562.51
Molecular formula	C ₂₉ H ₃₄ Cl ₂ FN ₃ O ₃
PubChem identifier	53476877
Storage instructions	Shipped at 4°C. Store at -20°C. Store under desiccating conditions.
Solubility overview	Soluble in DMSO to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions](#)

(FAQ) page for more details.

SMILES

CC(C)(C)C[C@H]1[C@@]2([C@H])([C@@H](N1)C(=O)NC3CCC(CC3)O)C4=C(C(=CC=C4)Cl)F)C5=C(C=C(C=C5)Cl)NC2=O

Source

Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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