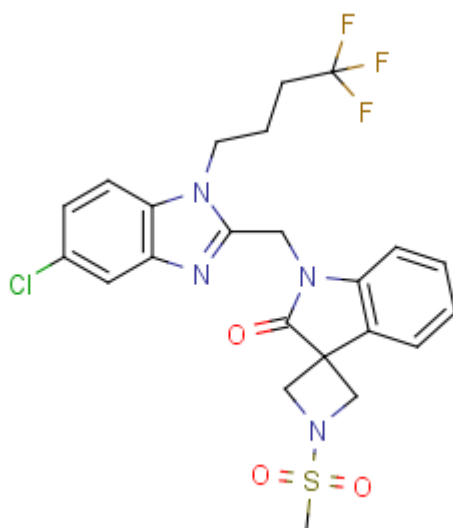


Name: JNJ-7950

Cat#: EX-A12473

Chemical Structure:



Chemical Name	Spiro[azetidine-3,3'-[3H]indol]-2'-(1'H)-one, 1'-[[5-chloro-1-(4,4,4-trifluorobutyl)-1H-benzimidazol-2-yl]methyl]-1-(methanesulfonyl)-		
Canonical SMILES	O=C1N(C=2C=CC=CC2C13CN(C3)S(=O)(=O)C)CC4=NC=5C=C(Cl)C=CC5N4CCCC(F)(F)F		
InChI	InChI=1S/C23H22ClF3N4O3S/c1-35(33,34)29-13-22(14-29)16-5-2-3-6-18(16)31(21(22)32)12-20-28-17-11-15(24)7-8-19(17)30(20)10-4-9-23(25,26)27/h2-3,5-8,11H,4,9-10,12-14H2,1H3		
InChI Key	FGAFKLPJKPDQGL-UHFFFAOYSA-N		

Molecular Weight	526.959	Storage	2 years 4°C powder
Formula	C23H22ClF3N4O3S		1 month -20°C in solvent
CAS No.	3051902-04-3	Synonyms	JNJ7950; JNJ 7950;

Solubility (25°C) *	In vitro	DMSO	DMSO
		Ethanol	N/A
		Water	N/A
	In vivo (should be freshly)		

	prepared each time)	
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* <1 mg/ml means slightly soluble or insoluble.
 * Please note that Selleck tests the solubility of all compounds in-house, and the actual solubility may differ slightly from published values. This is normal and is due to slight batch-to-batch variations.

Preparing Stock Solutions:

Mass Volume Concentration	1 mg	5 mg	10 mg
1 mM	1.8977 mL	9.4884 mL	18.9768 mL
5 mM	0.3795 mL	1.8977 mL	3.7954 mL
10 mM	0.1898 mL	0.9488 mL	1.8977 mL

DMSO : *The above data is based on the product molecular weight 526.96.

Biological Activities:

Description	JNJ-7950 is a potent small-molecule respiratory syncytial virus (RSV) inhibitor.
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References	[1]. Matcha, Kiran et al. "Development of a Convergent and Scalable Synthetic Route to Long-Acting RSV Inhibitor JNJ-7950" Organic Process Research & Development 2025 29 (4), 1036-1047 DOI: 10.1021/acs.oprd.4c00437
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