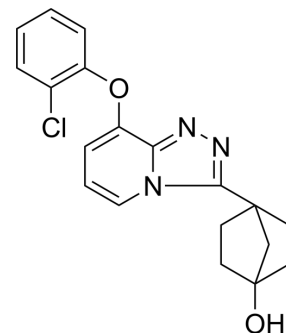


## BMS-770767

Cat. No.:	HY-107124		
CAS No.:	1875067-34-7		
Molecular Formula:	C <sub>19</sub> H <sub>18</sub> ClN <sub>3</sub> O <sub>2</sub>		
Molecular Weight:	355.82		
Target:	11β-HSD		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (281.04 mM; ultrasonic and warming and heat to 80°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.8104 mL	14.0520 mL	28.1041 mL
	5 mM	0.5621 mL	2.8104 mL	5.6208 mL
	10 mM	0.2810 mL	1.4052 mL	2.8104 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

BMS-770767 is an 11β-hydroxysteroid dehydrogenase 1 (11β-HSD1) inhibitor in type 2 diabetes. 11β-HSD1 is an important enzyme that is widely expressed in liver, adipose tissue and other tissues and plays an important role in metabolic diseases such as diabetes and obesity<sup>[1]</sup>.

### REFERENCES

[1]. Brad D Maxwell, et al. The synthesis and analysis of [phenyl-14 C(U)]BMS-770767 and [13 C6]BMS-770767 for use in discovery biotransformation, human ADME and bioanalytical studies. J Labelled Comp Radiopharm. 2016 Dec;59(14):657-664.

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

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