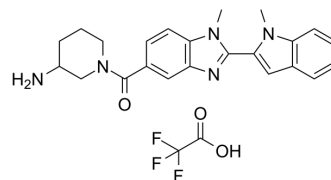


GSK121

Cat. No.:	HY-117777		
CAS No.:	1652591-80-4		
Molecular Formula:	C ₂₅ H ₂₆ F ₃ N ₅ O ₃		
Molecular Weight:	501.5		
Target:	Protein Arginine Deiminase		
Pathway:	Epigenetics		
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 : 125 mg/mL (249.25 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.9940 mL	9.9701 mL	19.9402 mL
	5 mM	0.3988 mL	1.9940 mL	3.9880 mL
	10 mM	0.1994 mL	0.9970 mL	1.9940 mL

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

BIOLOGICAL ACTIVITY

Description

GSK-121 Trifluoroacetates a selective PAD4 inhibitor^[1].

REFERENCES

[1]. Drewes G, et al. Inhibition of PAD4 activity is sufficient to disrupt mouse and human NET formation. Nat Chem Biol. 2015 Mar;11(3):189-91.

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

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