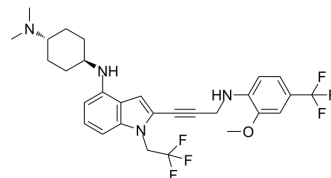


p53 Activator 5

Cat. No.:	HY-148404
CAS No.:	2636840-37-2
Molecular Formula:	C ₂₉ H ₃₂ F ₆ N ₄ O
Molecular Weight:	566.58
Target:	MDM-2/p53
Pathway:	Apoptosis
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (176.50 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.7650 mL	8.8249 mL	17.6498 mL
5 mM	0.3530 mL	1.7650 mL	3.5300 mL
10 mM	0.1765 mL	0.8825 mL	1.7650 mL

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

BIOLOGICAL ACTIVITY

Description

p53 Activator 5 (compound 134A) is a potent p53 activator with a SC150 value of <0.05 mM. p53 Activator 5 can bind to mutant p53 and restore the ability of the p53 mutant to bind DNA. p53 Activator 5 shows anti-tumor activity^[1]. p53 Activator 5 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

REFERENCES

[1]. VU, Binh, et al. Methods and compounds for restoring mutant p53 function, WO2021061643.

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

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