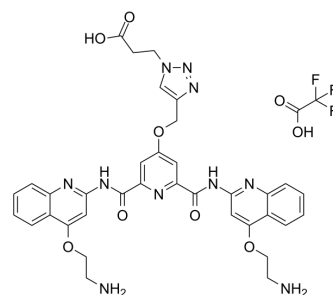


Carboxy pyridostatin trifluoroacetate salt

Cat. No.:	HY-112680A
CAS No.:	2444713-88-4
Molecular Formula:	C ₃₇ H ₃₅ F ₃ N ₁₀ O ₉
Molecular Weight:	820.73
Target:	G-quadruplex
Pathway:	Cell Cycle/DNA Damage
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (121.84 mM; Need ultrasonic)
H₂O : 60 mg/mL (73.11 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
			Concentration	1 mM	5 mM
			1.2184 mL	6.0921 mL	12.1843 mL
			0.2437 mL	1.2184 mL	2.4369 mL
			0.1218 mL	0.6092 mL	1.2184 mL

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

BIOLOGICAL ACTIVITY

Description

Carboxy pyridostatin trifluoroacetate salt has the peculiarity to exhibit high molecular specificity for RNA over DNA G4s^[1].

CUSTOMER VALIDATION

- Nucleic Acids Res. 2022 May 6;50(8):4574-4600.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Rocca R, et al. Molecular recognition of a carboxy pyridostatin toward G-quadruplex structures: Why does it prefer RNA? Chem Biol Drug Des. 2017 Nov;90(5):919-925.

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

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