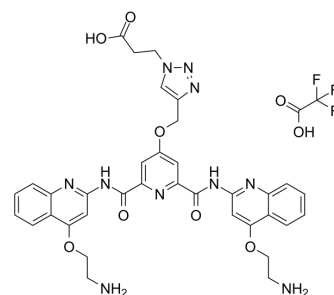


## Carboxy pyridostatin trifluoroacetate salt

<b>Cat. No.:</b>	HY-112680A
<b>CAS No.:</b>	2444713-88-4
<b>Molecular Formula:</b>	C <sub>37</sub> H <sub>35</sub> F <sub>3</sub> N <sub>10</sub> O <sub>9</sub>
<b>Molecular Weight:</b>	820.73
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	-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)  
H<sub>2</sub>O : 60 mg/mL (73.11 mM; Need ultrasonic)

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

### CUSTOMER VALIDATION

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

See more customer validations on [www.MedChemExpress.com](http://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.

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

**India Contact:**

Life Technologies (India) Pvt. Ltd.

306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444

Email: [customerservice@lifetechindia.com](mailto:customerservice@lifetechindia.com) Website: [www.lifetechindia.com](http://www.lifetechindia.com)