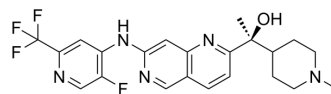


## (S)-GFB-12811

Cat. No.:	HY-144117A		
CAS No.:	2757672-69-6		
Molecular Formula:	C <sub>22</sub> H <sub>23</sub> F <sub>4</sub> N <sub>5</sub> O		
Molecular Weight:	449.44		
Target:	CDK		
Pathway:	Cell Cycle/DNA Damage		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

Description	(S)-GFB-12811 (compound 596) is a potent and selective CDK5 inhibitor, with an IC <sub>50</sub> value less than 10 nM. (S)-GFB-12811 can be used in the research of cell cycle progression, neuronal development, tumorigenesis <sup>[1]</sup> .	
IC <sub>50</sub> & Target	CDK5	CDK2
	<10 nM (IC <sub>50</sub> )	100 nM~1 μ nM (IC <sub>50</sub> )

### REFERENCES

[1]. Malojcic Goran, et al. Substituted 1,6-naphthyridines as inhibitors of CDK5 and their preparation. Patent WO2022011274.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA