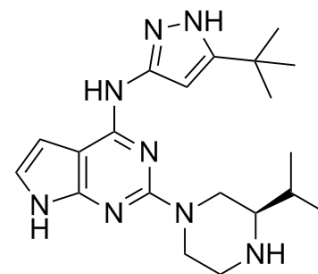


Spastazoline

Cat. No.:	HY-111548
Molecular Formula:	C ₂₀ H ₃₀ N ₈
Molecular Weight:	382.51
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

Spastazoline is a potent and selective **spastin** (a microtubule-severing **AAA protein**) inhibitor, with an IC₅₀ of 99 nM for Human spastin. Spastazoline shows no effect on ATPase activity of a recombinant human VPS4^[1].

IC₅₀ & Target

IC₅₀: 99 nM (spastin)^[1]

REFERENCES

[1]. Cupido T, et al. Designing a chemical inhibitor for the AAA protein spastin using active site mutations. Nat Chem Biol. 2019 Feb 18.

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