

Spastazoline, Spastin inhibitor

Catalog	Unit
TBI4240-5MG	5 mg
TBI4240-25MG	25 mg

Product Details

Formal Name: N-(5-tert-Butyl-1H-pyrazol-3-yl)-2-[(3R)-3-propan-2-ylpiperazin-1-yl]-7H-pyrrolo[2,3-d]pyrimidin-4-amine

Molecular Formula: C₂₀H₃₀N₈

Formula Weight: 382.52

CAS Number: 2351882-11-4

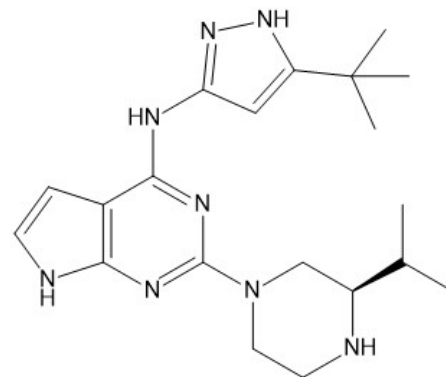
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

Spastin inhibitor

Functions

Spastazoline is an ATP-competitive inhibitor (IC₅₀ = 99 nM) of the microtubule-severing AAA protein spastin. It is selective against four related AAA proteins (XL-katarin, Hs-FIGL1, Mm-VCP, and Hs-PCH2). A new and interesting tool for the study of the assembly, disassembly, or maintenance of microtubule-based cellular structures.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.