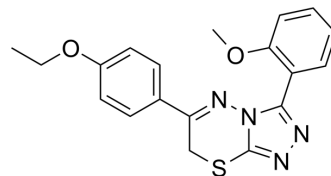


CID-663143

Cat. No.:	HY-121085
CAS No.:	578723-96-3
Molecular Formula:	C ₁₉ H ₁₈ N ₄ O ₂ S
Molecular Weight:	366.44
Target:	Microtubule/Tubulin
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

CID-663143 targets microtubule-associated proteins, not tubulin itself, to inhibit the polymerization process within cells. CID-663143 inhibits cancer cell growth (IC₅₀: <100 nM for HT-1080, BJeLR, MCF10A cells)^[1].

REFERENCES

[1]. Yang WS, et al. Identification of Simple Compounds with Microtubule-Binding Activity That Inhibit Cancer Cell Growth with High Potency. ACS Med Chem Lett. 2012 Jan 12;3(1):35-38.

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