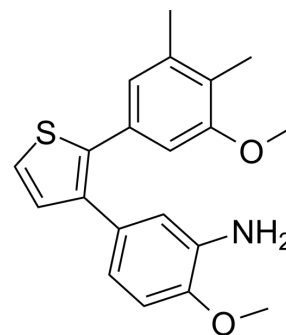


## DAT-230

Cat. No.:	HY-117473
CAS No.:	1504583-00-9
Molecular Formula:	C <sub>20</sub> H <sub>21</sub> NO <sub>2</sub> S
Molecular Weight:	339.45
Target:	Apoptosis; Microtubule/Tubulin
Pathway:	Apoptosis; Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

DAT-230 is a microtubule inhibitor. DAT-230 induces cell apoptosis and results in microtubule de-polymerization and G2/M phase arrest. DAT-230 inhibits cell growth in vitro and in vivo<sup>[1][2]</sup>.

## REFERENCES

[1]. Qiao F, et al. DAT-230, a Novel Microtubule Inhibitor, Induced Aberrant Mitosis and Apoptosis in SGC-7901 Cells. *Biol Pharm Bull.* 2013;36(2):193-201.

[2]. Tang J, et al. Application of an ultra-performance liquid chromatography method with tandem mass spectrometry to pharmacokinetics, tissue distribution and excretion in the study of DAT-230, a novel tubulin-binding agent candidate, in rats. *J Pharm Biomed Anal.* 2015;110:49-57.

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

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