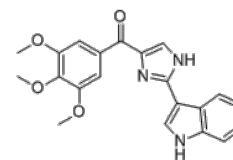


Product Name : VERU-111
Cat. No. : PC-35597
CAS No. : 1332881-26-1
Molecular Formula : C₂₁H₁₉N₃O₄
Molecular Weight : 377.4
Target : Microtubule/Tubulin
Solubility : 10 mM in DMSO



Biological Activity

VERU-111 (Sabizabulin, VERU111) is an oral cytoskeleton disruptor that targets and inhibits **microtubules** to disrupt **androgen receptor** transport into the nucleus, shows broad antiviral activity by disrupting the intracellular transport of viruses such as SARS CoV-2.

VERU-111 (Sabizabulin, VERU111) inhibits cell viability of human melanoma cell lines (A375, M14, and RPMI7951) with IC₅₀ of 5-10 nM.

Sabizabulin was tested in a Phase 1b/2 clinical study in men with metastatic castration resistant prostate cancer (mCRPC), as well as COVID-19 infection.

References

- Wang Q, et al. *J Med Chem.* 2018 Aug 30. doi: 10.1021/acs.jmedchem.8b00827.
- Mark C Markowski, et al. *Clin Cancer Res.* 2022 Apr 13;clinres.0162.2022.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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