

## Product Information

**Product ID** S543721

**CAS No.** 345627-80-7

**Chemical Name** N-[5-[(5-Tert-butyl-1,3-oxazol-2-yl)methylsulfanyl]-1,3-thiazol-2-yl]piperidine-4-carboxamide

**Synonym** BMS387032; BMS-387032; SNS 032

**Formula** C<sub>17</sub>H<sub>24</sub>N<sub>4</sub>O<sub>2</sub>S<sub>2</sub>

**Formula Wt.** 380.53

**Melting Point**

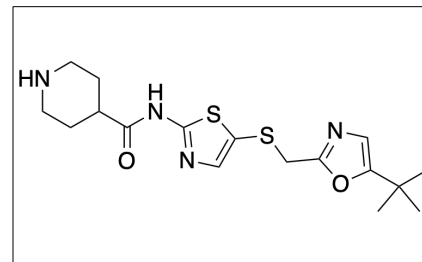
**Purity** ≥98%

**Solubility**

**Store Temp** -20°C

**Ship Temp** Ambient

**Description** SNS-032 is a CDK inhibitor with selectivity for CDK2 and CDK7/9. In chronic lymphocytic leukemia cells, SNS-032 induces apoptosis in vitro. It is used in combination with AT-7519 to exhibit anticancer effects in cervical cancer, inhibiting cancer cell migration in vitro and inhibiting tumor growth in a human xenograft tumor model.



**Bulk quantities available upon request**

Product ID	Size
S543721	5 mg
S543721	25 mg
S543721	100 mg

**References** Chen R., Wierda W., et al. Mechanism of action of SNS-032, a novel cyclin-dependent kinase inhibitor, in chronic lymphocytic leukemia. *Blood*. 113(10):4637-45 (2009). PMID: 19234140.

Kang M., Kim W., et al. Anticancer and radiosensitizing effects of the cyclin-dependent kinase inhibitors, AT7519 and SNS-032, on cervical cancer. *Int J Oncol*. 53(2):703-712 (2018). PMID: 29901072.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.