



## Product Information

Product ID I5203

CAS No. 309271-94-1

Chemical Name

Synonym INZ

Formula  $C_{25}H_{19}N_5OS_2$

Formula Wt. 469.58

Melting Point

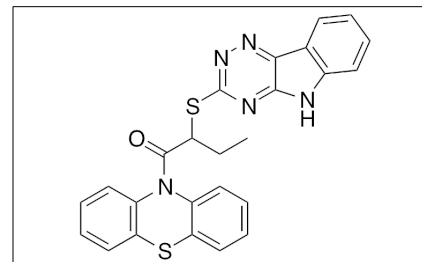
Purity  $\geq 98\%$

Solubility DMSO: 21 mg/mL

Store Temp  $-20^{\circ}\text{C}$

Ship Temp Ambient

**Description** Inauhzin is an inhibitor of SIRT1 that activates p53; it also inhibits inosine monophosphate dehydrogenase (IMPDH). Inauhzin exhibits anticancer chemotherapeutic activities, inducing apoptosis and suppressing cell growth in non-small cell lung cancer (NSCLC) and colon cancer cells. This compound also induces senescence in and represses tumor growth in cellular and animal models of lung cancer and colon carcinoma.



**Bulk quantities available upon request**

Product ID	Size
I5203	1 mg
I5203	5 mg
I5203	25 mg

**References** Zhang Q, Zhou X, Wu R, et al. The role of IMP dehydrogenase 2 in Inauhzin-induced ribosomal stress. *Elife*. 2014 Oct 27;3. PMID: 25347121.

Zhang Y, Zhang Q, Zeng SX, et al. Inauhzin sensitizes p53-dependent cytotoxicity and tumor suppression of chemotherapeutic agents. *Neoplasia*. 2013 May;15(5):523-34. PMID: 23633924.

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