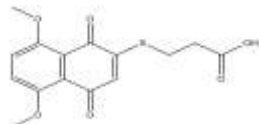


PRODUCT: GN25**ALTERNATE NAME:** 3-[(1,4-dihydro-5,8-dimethoxy-1,4-dioxo-2-naphthalenyl)thio]-propanoic acid**CATALOG #:** 9430-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₅H₁₄O₆S**MOLECULAR WEIGHT:** 322.30**CAS NUMBER:** 1227401-27-5**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (~5 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** GN25 blocks Snail binding to p53 and induces p53 expression in cancer cells in a KRas dependent manner. Oncogenic KRas has been shown to inhibit p53 function by inducing Snail to bind and eliminate p53 through exocytosis. At 10 μM, GN25 significantly reduces cell proliferation in KRas mutated A549 and HCT116 cell lines but not in wild type MKN-45 cells. In a xenograft mouse model, 10 mg/kg GN25 yields antitumoral effects by notably reducing tumor size and progression.**REFERENCES:** Lee, S., *et al.* (2010). *Oncogene* **29**, 4576-4587.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**NSC146109 hydrochloride (**Cat. No. 1907-5**)Nutlin-3 (**Cat. No. 1842-1, 5**)PRIMA-1 (**Cat. No. 2170-5, 25**)RITA (**Cat. No. 2469-5, 25**)Tenovin-1 (**Cat. No. 9400-5, 25**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**