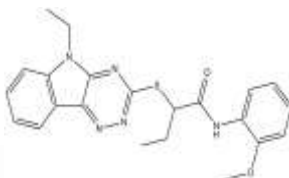


PRODUCT: SW-044248**ALTERNATE NAME:** 2-((5-ethyl-5H-[1,2,4]triazino[5,6-b]indol-3-yl)thio)-N-(2-methoxyphenyl)butanamide**CATALOG #:** B1135-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₂H₂₃N₅O₂S**MOLECULAR WEIGHT:** 421.51**CAS NUMBER:** 522650-83-5**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (>40 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** SW-044248 is a selective Topoisomerase I inhibitor. It is extremely potent and selectively toxic to NSCLC killing ~15% of a 74 NSCLC cell lines. It was not toxic to immortalized human bronchial cell lines. The intense transcriptional response to SW-044248 in HCC4017 cells significantly correlates to topoisomerase-I inhibition and not topoisomerase-II.**REFERENCES:** Zubovych, I.O. *et.al.* (2016). *Mol. Cancer Ther.* **15**, 23-26.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Colchicine (**Cat. No. 1519-1000**)Combretastatin A (**Cat. No. 2239-10, 50**)Docetaxel (**Cat. No. 2232-10, 50**)Epothilone B (**Cat. No. 2012-1,5**)Etoposide (**Cat. No. 1043-25Mg, 25MG**)Nocodazole (**Cat. No. 2185-10, 50**)Paclitaxel (**Cat. No. 1567-25**)Podophyllotoxin (**Cat. No. 2767-50**)Pseudolaric acid B (**Cat. No. 2512-1, 5**)SW-04428 (**Cat. No. B1135-5,25**)Tamoxifen Citrate (**Cat. No. 1551-1000**)Vinblastin sulfate (**Cat. No. 1959-5, 25**)Vinorelbine tartrate (**Cat. No. 1957-5, 25**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**