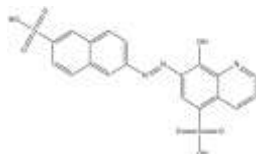


Product: NSC-87877**ALTERNATE NAME:** 8-Hydroxy-7-[(6-sulfo-2-naphthyl)azo]-5-quinolinesulfonic acid**CATALOG #:** 2687-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₉H₁₃N₃O₇S₂**MOLECULAR WEIGHT:** 459.45**CAS NUMBER:** 56990-57-9**APPEARANCE:** Black solid**SOLUBILITY:** H₂O (~20 mg/ml) or DMSO (~ 5 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and moisture

DESCRIPTION: NSC-87877 is a cell-permeable inhibitor of both SHP-1 and SHP-2 protein tyrosine phosphatases (IC₅₀ = 355 and 318 nM, respectively). It is much less effective against other protein tyrosine phosphatases and the dual-specificity phosphatase 26. Inhibits EGF-induced Erk1/2 activation in HEK293 cells and significantly reduces MDA-MB-468 cell viability/proliferation.

REFERENCES: Chen, L., *et al.* (2006). *Mol. Pharmacol.* **70**, 562-570.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Bakuchiol (Cat. No. 2494-1, 5)

bpV(phen) (Cat. No. 1793-5)

bpV(pic) (Cat. No. 1794-5)

Calyculin A (Cat. No. 1562-025)

Cantharidin (Cat. No. 2510-10, 50)

EZBlock™ Phosphatase Inhibitor Cocktail I (Cat. No. K273-1ML, 1EA)

EZBlock™ Phosphatase Inhibitor Cocktail II (Cat. No. K275-1ML, 1EA)

EZBlock™ Phosphatase Inhibitor Cocktail III (Cat. No. K276-1ML, 1EA)

GSK-283071 (Cat. No. 2578-1,5)

Microcystin-LR (Cat. No. 1840-100, 500)

Okadaic Acid (Cat. No. 1543-025)

Okadaic Acid, Ammonium Salt (Cat. No. 1766-025)

Okadaic Acid, Potassium Salt (Cat. No. 1765-025)

Okadaic Acid, Sodium Salt (Cat. No. 1764-025)

VO-OHpic (Cat. No. 1801-5, 25)

FOR RESEARCH USE ONLY! Not to be used on humans.