

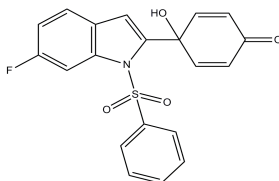
PRODUCT: Quinol 1h

ALTERNATE NAME: 4-(1-Benzenesulfonyl-6-fluoro-1H-indol-2-yl)-4-hydroxy-cyclohexa-2,5-dienone

CATALOG #: 2436-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₁₄FNO₄S

MOLECULAR WEIGHT: 383.40

CAS No. N/A

APPEARANCE: Crystalline solid

Solubility: DMSO

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from light and air

DESCRIPTION: A potent and selective antitumor agent that displays potent activity against renal, colon, and breast cancer cell lines in the NCI 60-cell panel. Exhibits a mean GI₅₀ of 16 nM and a mean LC₅₀ value of 2.24 μM in NCI60-cell-line screen, with LC₅₀ activity in the HCT 116 human colon cancer cell line below 10 nM.

REFERENCES: Berry, J.M., *et al.* (2005). *J. Med. Chem.* **48**, 639-644.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

- Quinol 2 (Cat. No. 2437-5, 25)
- Thioredoxin Reductase 1 (19A1) Monoclonal Antibody (Cat. No. 6164-100)
- Thioredoxin Reductase 2 (7B2) Monoclonal Antibody (Cat. No. 6165-100)
- Thioredoxin 1 (3A1) Monoclonal Antibody (Cat. No. 6166-100)
- Thioredoxin Reductase Assay kit (Cat. No. K763-100)
- Thioredoxin 1, human recombinant (Cat. No. 6305-100)
- Thioredoxin 2, human recombinant (Cat. No. 6318-100)
- Thioredoxin 1, recombinant E. coli (Cat. No. 6329-50)
- TRXB, recombinant E. coli (Cat. No. 6331-100)

LICENSING INFORMATION: Sold for research purposes under a license agreement with Cancer Research Technology Ltd., U.K.

USAGE: FOR RESEARCH USE ONLY! Not to be used in humans.