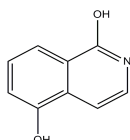


PRODUCT: 1,5-Isoquinolinediol**ALTERNATE NAME:** 1,5-Dihydroxyisoquinoline, 5-Hydroxy-1(2H)-isoquinolinone, DiQ; NSC 65585**CATALOG #:** 2415-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₉H₇NO₂**MOLECULAR WEIGHT:** 161.16**CAS NUMBER:** 5154-02-9**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (>35 mg/ml)**PURITY:** ≥98% by TLC**STORAGE:** At -20° C. Protect from light and air**DESCRIPTION:** 1,5-Isoquinolinediol is an inhibitor of poly(ADP-ribose) synthetase (PARP1; IC₅₀ = 0.39 μM). It has been used to study the role of PARP1 in both DNA repair and oxidant stress-induced cell death. Also acts as a neuroprotective agent.**REFERENCE:** Zhang, J.J., *et al.* (19994). *Science* **263**, 687-689.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

ABT-88 (Cat. No. 1620-1,5)

DPQ (Cat. No. 1899-1, 5)

DR2313 (Cat. No. 1771-1, 5)

Iniparib (Cat. No. 1968-5, 25)

NU-1025 (Cat. No. 2351-1, 5)

PARP Antibody (clone 10H) (Cat. No. 3000-100)

PARP Antibody (Cat. No. 3001-100)

PARP Antibody (Cat. No. 3002-100)

PARP Blocking peptide (Cat. No. 3002BP-50)

PARP Antibody (Clone 7A10)(Cat. No. 3023-100)

PARP (cleaved) Antibody (Cat. No. 3140-100)

PARP (cleaved) Antibody (Cat. No. 3141-100)

PARP (cleaved) Antibody (Cat. No. 3142-100)

PARP-1, human recombinant (Cat. No. 4992-50)

PJ-34 hydrochloride (Cat. No. 2319-1, 5)

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