

Product Name : 1,5-Isoquinolinediol

Synonyms : —

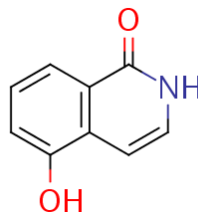
Cat No. : M17727

CAS Number : 5154-02-9

Molecular Formula : C₉H₇NO₂

Formula Weight : 161.16

Chemical Name : —



Description : 1, 5-Isoquinolinediol is an inhibitor of poly(ADP-ribose) synthetase (PARP1; IC₅₀: 0.39 μM). The poly(ADP-ribose) polymerases (PARPs) form a family of enzymes with roles in DNA repair and apoptosis. 1, 5-Isoquinolinediol has been used to study the role of PARP1 in both DNA repair and oxidant stress-induced cell death. This compound can be used with cells in culture and in animals.

Pathway : Others

Target : Other Targets

Receptor : PARP1

Solubility : —

SMILES : Oc1cccc2c1cc[nH]c2=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Davar D, et al. Role of PARP inhibitors in cancer biology and therapy.[J]. Current Medicinal Chemistry, 2012, 19(23).