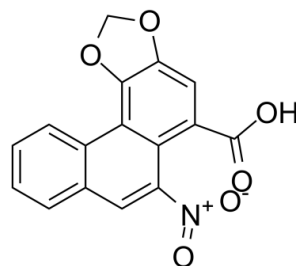


Product Name : Aristolochic acid B
Synonyms : Aristolochic acid B; Q100503; LS-102940; IIBRN-0329754
Cat No. : M18592
CAS Number : 475-80-9
Molecular Formula : C₁₆H₉NO₆
Formula Weight : 311.25
Chemical Name : 6-nitrophenanthro[3,4-d][1,3]dioxole-5-carboxylic acid



Description : Aristolochic acid B is one of the major components of the carcinogenic plant extract aristolochic acid, is known to be mutagenic and to form DNA adducts in vitro and in vivo, Aristolochic acid B shows more carcinogenic risk than aristolochic acid I, and this may be, at least partly, the result of its increased levels in kidney and plasma.

Pathway : Others
Target : Other Targets
Receptor : DNA mutation
Solubility : —
SMILES : OC(=O)c1cc2OCOc2c2c3ccccc3cc([N+](=O)[O-])=O)c12
Storage : (-20°C)
Stability : ≥ 2 years
Reference :

1. Tian M, et al. Production, characterization of a monoclonal antibody against aristolochic acid-II and development of its assay system.[J]. Am J Chin Med, 2008, 36(02):425-436.