



Formula: C₁₇H₁₁NO₇

MW: 341.28

CAS: 313-67-7

MDL: MFCD00004996

TNP: TNP00273

ARISTOLOCHIC ACID (I AND II)



LogP: 5.47

LogS: -5.41

Acceptors: 7

Donors: 1

Rotation Bonds: 3

Chiral Centers: 0

N+O: 8

LIPINSKY: 4

IUPAC: 8-methoxy-6-nitro-2H-phenanthro[3,4-d]1,3-dioxolene-5-carboxylic acid

Smiles: c1cc(c2c(c1)c1c(c(c2)[N+](O-)=O)c(cc2c1OCO2)C(O)=O)OC

REFERENCE: Rosenthal, M.D., et al. *Biochim. Biophys. Acta* 1001, 1, (1989) Lindahl, M., and Tagesson, C. *Inflammation* 17, 573, (1993)

ACTIVITY: Potent phospholipase A2 inhibitor, including calcium ionophore-induced

phospholipase A2 activity in neutrophils.

Specification: ARISTOLOCHIC ACID (I AND II)

ARISTOLOCHIC ACID (I AND II) Usage And Synthesis ARISTOLOCHIC ACID (I AND II)