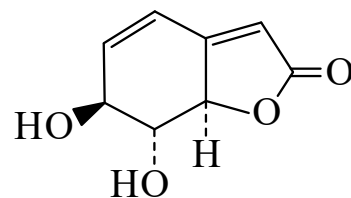




>>Entry Name: Griffonilide

Synonym(s): 7,7a-Dihydro-6,7-dihydroxy-2(6H)-benzofuranone, 9Cl. 4,5,6-Trihydroxy-2-cyclohexene- $\Delta^{1,\alpha}$ -acetic acid γ -lactone



CAS Registry Number: 61371-55-9

Molecular Formula: $C_8H_8O_4$

Molecular Weight: 168.149

Accurate Mass: 168.04226

Percentage Composition: C 57.14%; H 4.80%; O 38.06%

Biological Source: Constit. of roots of *Griffonia simplicifolia*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 183-185°

Optical Rotation: $[\alpha]_D^{22} -11$ (c, 1 in MeOH)

>>Derivative: Di-Ac

Melting Point: Mp 155°

References:

Dwuma-Badu, D. *et al.*, *J. Nat. Prod.*, 1976, **39**, 385

Gopalakrishna, E.M. *et al.*, *Cryst. Struct. Commun.*, 1976, **5**, 779, (*cryst struct*)