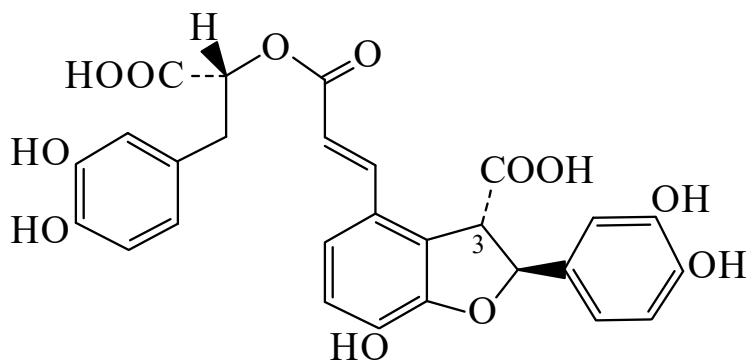




>>Entry Name: Lithospermic acid A

Synonym(s): 4-[3-[1-Carboxy-2-(3,4-dihydroxyphenyl)ethoxy]-3-oxo-1-propenyl]-2-(3,4-dihydroxyphenyl)-2,3-dihydro-7-hydroxy-3-benzofurancarboxylic acid, 9Cl.
Lithospermic acid



CAS Registry Number: 28831-65-4

Molecular Formula: C₂₇H₂₂O₁₂

Molecular Weight: 538.464

Accurate Mass: 538.11113

Percentage Composition: C 60.23%; H 4.12%; O 35.66%

Biological Source: Constit. of *Cynoglossum officinale* and of the roots of *Lithospermum ruderales* and *Lithospermum officinale*

Use/Importance: Cardiotonic agent. Shows antigonadotrophic, antithyroidal props.

Physical Description: Amorph. powder

Calculated Log P Data: Log P 1.19 (uncertain value) (calc)

References:

Kelley, C.J. *et al.*, *J.O.C.*, 1975, **40**, 1804; 1976, **41**, 449, (*isol, struct, cmr*)