



Accurate Mass: 574.40221

Percentage Composition: C 79.40%; H 9.47%; O 11.13%

Biological Source: Constit. of *Limnophila heterophylla*

Physical Description: Cryst.

Melting Point: Mp 280-282°

>>**Variant:** 3β-form

Synonym(s): 3-Epikatonic acid

CAS Registry Number: 76035-62-6

Molecular Formula: C₃₀H₄₈O₃

Molecular Weight: 456.707

Accurate Mass: 456.360345

Percentage Composition: C 78.90%; H 10.59%; O 10.51%

Biological Source: Constit. of *Cyamopsis tetragonoloba* and *Trypterygium wilfordii*

Physical Description: Cryst. (CHCl₃/MeOH)

Melting Point: Mp 283-284°

Optical Rotation: [α]_D²³+61

References:

King, F.E. *et al.*, *J.C.S.*, 1960, 4738, (*isol*)

Coxon, D.T. *et al.*, *Phytochemistry*, 1980, **19**, 1247

Gaul, K.L., *Aust. J. Chem.*, 1985, **38**, 1371, (*isol*)

Curi, C.L. *et al.*, *Phytochemistry*, 1986, **25**, 2675, (*deriv*)

De Sousa, J.R. *et al.*, *Phytochemistry*, 1990, **29**, 3259, (*Katononic acid*)

Kaneda, N. *et al.*, *J. Nat. Prod.*, 1992, **55**, 654, (*isol*, *pmr*, *cmr*)

Mukherjee, K.S. *et al.*, *Phytochemistry*, 1995, **38**, 1273, (*deriv*)

Nakano, K. *et al.*, *Phytochemistry*, 1997, **45**, 293, (*cmr*)