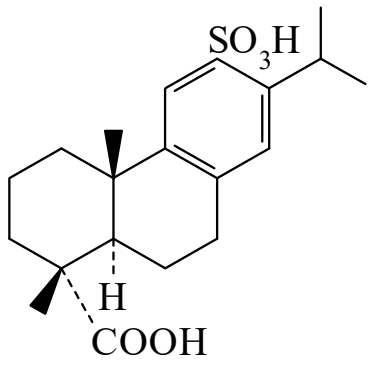
>>**Entry Name: Ecabet,** INN
Synonym(s): 1,2,3,4,4*a*,9,10,10*a*-Octahydro-1,4*a*-dimethyl-7-(1-methylethyl)-6-sulfo-1-phenanthrenecarboxylic acid, 9CI. 13-Isopropyl-12-sulfo-8,11,13-podocarpatrien-15-oic acid, 8CI. 12-Sulfodehydroabietic acid. Ecarxate. Gastrom. TA 2711



CAS Registry Number: 33159-27-2
Type of Compound Code(s): XA2370

Molecular Formula: $C_{20}H_{28}O_5S$
Molecular Weight: 380.504
Accurate Mass: 380.165745
Percentage Composition: C 63.13%; H 7.42%; O 21.02%; S 8.43%
Biological Use/Importance: Stimulates PGE_2 and PGI_2 production in gastrointestinal mucosa. Antiulcer agent
Physical Description: Needles (AcOH)
Development Status: Approved 1993
Melting Point: Mp 247-248 dec.°
Optical Rotation: $[\alpha]_D^{21}$+72.4 (EtOH)
Calculated Log P Data: Log P 4.2 (calc)

>>**Derivative:** Na salt
Synonym(s): Ecabet sodium

CAS Registry Number: 86408-72-2
Development Status: Launched 1993 (Japan)
Hazard & Toxicity: Exp. reprod. effects

>>**Derivative:** Di-Me ester

Molecular Formula: $C_{22}H_{32}O_5S$
Molecular Weight: 408.558
Percentage Composition: C 64.68%; H 7.89%; O 19.58%; S 7.85%
Melting Point: Mp 175-176°
Optical Rotation: $[\alpha]_D^{25}$+76.2 (EtOH)

References:

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Ito, Y. *et al.*, *J. Pharmacobio-Dyn.*, 1991, **14**, 533; 547, *(metab)*
Kinoshita, M. *et al.*, *Biol. Pharm. Bull.*, 1993, **16**, 1220, *(pharmacol)*
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