[ Product Information ]

Name: Hardwickiic acid
Catalog No.: CFN99836
Cas No.: 1782-65-6
Purity: > 95%
M.F: C_{20}H_{28}O_{3}
M.W: 316.4
Physical Description: Powder
Synonyms: (4aR,5R,6R,8aR)-5-[2-(furan-3-yl)ethyl]-5,6,8a-trimethyl-3,4,4a,6,7,8-hexahydronaphthalene-1-carboxylic acid.

[ Intended Use ]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

[ Source ]

The herbs of *Hardwickia pinnata*.

[ Biological Activity or Inhibitors ]
Hardwickiiic acid, a clerodane diterpenoid from Copaiba oil has been reported to inhibit Hsp27.\textsuperscript{[1]}

Hardwickiiic acid modulates hippocampal [(3)H]NA overflow evoked by a mild depolarizing stimulus by acting at presynaptic opioid receptor subtypes.\textsuperscript{[2]}

Hardwickiiic acid shows antimicrobial activity, it can inhibit the growth of all the tested microbial species.\textsuperscript{[3]}

(−)-Hardwickiiic acid has insecticidal activity.\textsuperscript{[4]}

[ **Solvent** ]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[ **HPLC Method** ]

Not data available.

[ **Storage** ]

2-8°C, Protected from air and light, refrigerate or freeze.

[ **References** ]


[ **Contact** ]

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