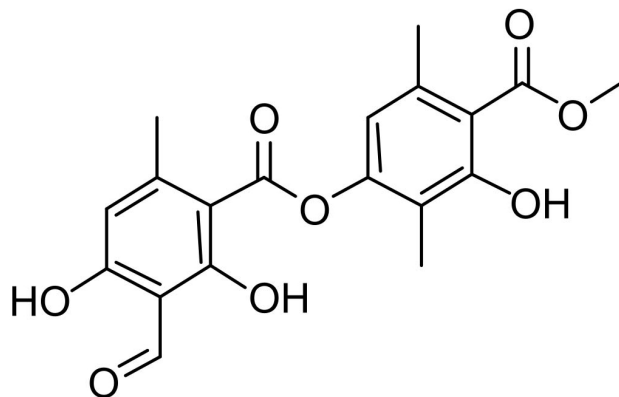


Atranorin

Code No.: BIA-A2474

Pack sizes.: 0.1mg, 0.5mg



Synonyms:

Atranorine, NSC 249980, NSC 685591, NSC 87512, Parmelin, Parmelin acid, Usnarin, Usnarin acid

Specifications

CAS #	: 479-20-9
Molecular Formula	: C19H18O8
Molecular Weight	: 374.4
Source	: -
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

Atranorin is a common lichen metabolite that is allergenic and has a broad biological profile, with antiinflammatory, analgesic, wound healing, antifungal, antibacterial, antioxidant, antiviral and immunomodulatory. Atranorin has cytotoxic, antiproliferative, apoptotic and cell migration inhibitory effects on SPC212 malignant mesothelioma cancer cells.

References

1. The sensitizing capacity of atranorin. Sandberg M. and Thune P. Contact dermatitis 1984, 11, 168.
2. Antimicrobial activity of extracts of chemical races of the lichen Pseudevernia furfuracea and their physodic acid, chloroatranorin, atranorin, and olivetoric acid constituents. Turk H. et al. J Biosci 2006, 61, 499.
3. Cytotoxic, apoptotic and cell migration inhibitory effects of atranorin on SPC212 mesothelioma cells. Sahin E. et al. Asian Pacific J Tropical Biomed 2019, 9, 299.