BVT-0407

Betulin

[Betulinol; Lup-20(29)-en-3,28-diol]

Formula \( \text{C}_{30}\text{H}_{50}\text{O}_{2} \)
MW 442.7
CAS 473-98-3

Handling / Storage
Shipping Ambient
Short Term Storage +4°C
Long Term Storage -20°C

Use / Stability
Store, as supplied, at -20°C for up to 1 year.
Store solutions dark and at -20°C.

Hazard / Toxicity
MSDS available upon request.

Product Specifications
Source/Host Isolated from birch bark (betula alba).
Purity Detail >99% (HPLC)
Appearance White solid.
Solubility Soluble in methanol, acetone or DMSO.

Other Product Data
Identity Determined by \(^1\text{H}-\text{NMR}\).

WARNING: Intended for research use only. This product is not intended or approved for human, diagnostics, therapeutic or veterinary use. Use of this product for human or animal testing is extremely hazardous and may result in disease, severe injury, or death. MATERIAL SAFETY DATA: Review the complete Material Safety Data Sheet before use.
Product Description

- Triterpene from the birch bark.
- Anticancer compound.
- Antibacterial.
- Antifungal.
- Antiviral.
- Antiprotozoal.

Product Specific References

4. Pentacyclic triterpenes of the lupane, oleanane and ursane group as tools in cancer therapy: M. N. Laszczyk; Planta Med. 2009, 75, 1549-1560. (Review)