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**Product Data Sheet**


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Product Name: Muristerone A

Cat. No.: GC16938

**Chemical Properties**

Cas. No. 38778-30-2

Chemical Name (2S,3R,5S,9R,10R,11R,13R,14S,17S)-17-[(2R,3R)-2,3-dihydroxy-6-methylheptan-2-yl]-2,3,5,11,14-pentahydroxy-10,13-dimethyl-1,2,3,4,9,11,12,15,16,17-decahydrocyclopenta[a]phenanthren-6-one

SMILES CC(C)CCC(C(C)(C1CCC2(C1(CC(C3C2=CC(=O)C4(C3(CC(C(C4)O)O)C)O)O)C)O)O)O

Formula  $C_{27}H_{44}O_8$  M.Wt 496.63

Solubility DMSO : 1.5 mg/mL (3.02 mM; Need ultrasonic and warming) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Ecdysone analog that acts as an inducer of ecdysone-inducible gene expression systems in mammalian cells and transgenic animals. Stimulates Bcl-XL mRNA transcription and inhibits TRAIL- and hFasL-induced apoptosis in RKO cells.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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