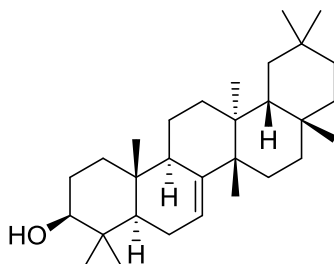


Multiflorenol

Code No.: **BIA-M1761**

Pack sizes: **1 mg, 5 mg**



Synonyms : (3 β)-D:C-Friedoolean-7-en-3-ol

Specifications

CAS #	: 2270-62-4
Molecular Formula	: C ₃₀ H ₅₀ O
Molecular Weight	: 426.7
Source	: <i>Melicope octandra</i>
Appearance	: Off-white to beige solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Multiflorenol is a triterpenoid found in the geranium family and other flowering plants, first isolated and the structure elucidated by Khastgir and Sengupta in 1961. Multiflorenol was subsequently isolated by Ritchie and Taylor from the Australian plant, *Melicope octandra*, in 1976. Multiflorenol inhibits histamine release induced by antigen-antibody reaction. Multiflorenol is inactive against HeLa human cervical, HL-60 human hepatoma, and SMMC-7721 human hepatoma cell lines.

References

1. Structure of multiflorenol. Khastgir H.N. & Sengupta P., Chem. Indust. 1961, 1077.
2. Some extractives of *Melicope octandra* (Rutaceae). Free A.J. et al., Aust J. Chem. 1976, 29, 695.
3. Medicinal foodstuffs. XI. Histamine release inhibitors from wax gourd, the fruits of *Benincasa hispida* Cogn. Yoshizumi S. et al., Yakuquaku Zasshi 1998, 118, 188.
4. New triterpenoids and other constituents from the fruits of *Benincasa hispida* (Thunb.) Cogn. Han X.N. et al., J. Agric. Food Chem. 2013, 61, 12692.