

Product Name	: Effusol
Synonyms	: —
Cat No.	: M22809
CAS Number	: 73166-28-6
Molecular Formula	: C ₁₇ H ₁₆ O ₂
Formula Weight	: 252.3
Chemical Name	: —
Description	Effusol is a natural product, exhibits potent scavenging activity for DPPH and ABTS radicals (IC ₅₀ values of 79 μM and 2.73 μM, respectively). Effusol rescues CA1 LTP attenuated by corticosterone, defending the hippocampal function against stress-induced cognitive decline. Effusol can induce caspase-3-mediated cytotoxicity in HT22 cells.
Pathway	: Apoptosis
Target	: Caspase
Receptor	: Caspase
Solubility	: —
SMILES	: <chem>OC(C(C)=C1CC2)=CC=C1C3=C2C=C(O)C=C3C=C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Chemical constituents isolated from *Juncus effusus* induce cytotoxicity in HT22 cells. J Nat Med. 2015 Jul;69(3):421-6.