

Product Name	: Gentiopicrin
Synonyms	: O673; O-673; O 673; SC-46058
Cat No.	: M18227
CAS Number	: 20831-76-9
Molecular Formula	: C ₁₆ H ₂₀ O ₉
Formula Weight	: 356.33
Chemical Name	: (5R,6S)-6-(((2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)-5-vinyl-5,6-dihydro-1H,3H-pyrano[3,4-c]pyran-1-one
Description	: Gentiopicrin is found in gentiana and cephalaria. It displays many biological properties, including suppressing expression of NMDA receptors in the anterior cingulate cortex, inhibiting morphine conditioned place preference, and preventing arachidonic acid and PMA-induced superoxide generation.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: DMSO : ≥ 150 mg/mL; 420.97 mM
SMILES	: <chem>C=C[C@H]1[C@@H](OC=C2C1=CCOC2=O)O[C@H]1[C@@H]([C@H]([C@@H]([C@H](O1)CO)O)O)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Zhang K, et al. Int J Nanomedicine. 2013;8:3227-39.