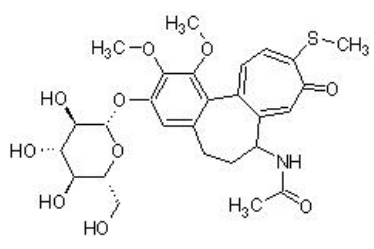


Product datasheet

Thiocolchicoside, GABA_A antagonist ab144375

1 Image

Overview

Product name	Thiocolchicoside, GABA _A antagonist
Description	Potent, competitive GABA _A antagonist
Biological description	Potent, competitive GABA _A antagonist (IC ₅₀ = 145 nM). Suppresses cerebral vasospasm after subarachnoid hemorrhage. Suppresses RANKL-induced osteoclastogenesis. Shows muscle relaxant and anti-inflammatory effects <i>in vivo</i> . Orally active.
Purity	> 95%
CAS Number	602-41-5
Chemical structure	

Properties

Chemical name	<i>N</i> -[1,2-Dimethoxy-10-methylsulfanyl-9-oxo-3-[(2 <i>S</i> ,3 <i>R</i> ,4 <i>S</i> ,5 <i>S</i> ,6 <i>R</i>)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy-6,7-dihydro-5 <i>H</i> -benzo[<i>a</i>]heptalen-7-yl]acetamide
Molecular weight	563.62
Molecular formula	C ₂₇ H ₃₃ NO ₁₀ S
PubChem identifier	72067
Storage instructions	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store in the Dark. Store under desiccating conditions.
Solubility overview	Soluble in water and in ethanol
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions

(FAQ) page for more details.

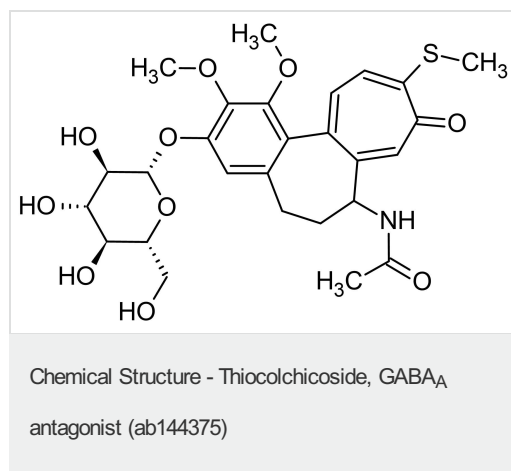
SMILES

CC(=O)NC1CCC2=CC(=C(C(=C2C3=CC=C(C(=O)C=C13)SC)OC)OC)O[C@H]4[C@@H]([C@H]([C@@H]([C@H](O4)CO)O)O)O

Source

Synthetic

Images



2D chemical structure image of ab144375, Thiocolchicoside, GABA_A antagonist

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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