Gentiopicroside (Gentiopicrin), Anticonvulsant agent
ab143623

Overview

Product name: Gentiopicroside (Gentiopicrin), Anticonvulsant agent
Description: Anticonvulsant agent
Biological description: Anticonvulsant agent. Downregulates GluN2B-containing NMDA receptors in the NAc. Antiaddicction, anticonvulsant and anxiolytic effects *in vivo*. Orally active.
Purity: > 98%
CAS Number: 20831-76-9
Chemical structure:

![Chemical Structure Image]

Properties

Chemical name: (3S,4R)-4-Ethenyl-3-[(2S,3R,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy-4,6-dihydro-3H-pyran[3,4-c]pyran-8-one
Molecular weight: 356.32
Molecular formula: C_{16}H_{20}O_{9}
PubChem identifier: 88708
Storage instructions: Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview: Soluble in water to 25 mM
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: C=CC1C(OC=C2C1=CCOC2=O)OC3C(C(C(C3O3)CO)O)O
Please note:  All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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