

Product datasheet

Glucoraphanin potassium salt, Sulforaphane bioprecursor ab143626

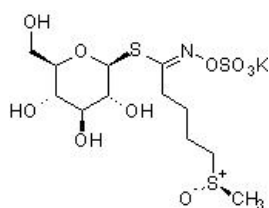
Overview

Product name	Glucoraphanin potassium salt, Sulforaphane bioprecursor
Description	Sulforaphane bioprecursor. Cytochrome P450 and phase II conjugation activity modulator.
Biological description	Sulforaphane (ab141969 , ab141971) bioprecursor. Cytochrome P450 and phase II conjugation activity modulator. Glucoraphenin (ab143627) analog. Shows chemopreventive and anti-inflammatory effects <i>in vivo</i> . Orally active.

Purity > 98%

CAS Number 21414-41-5

Chemical structure



Properties

Chemical name	[(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] (1 <i>E</i>)-(5 <i>R</i>)-methylsulfinyl- <i>N</i> -sulfooxy-pentanimidothioate potassium salt
Molecular weight	475.60
Molecular formula	C ₁₂ H ₂₂ KNO ₁₀ S ₃
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in water
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	[O-][S@@+](C)CCCC(=NOS(=O)(=O)O[K])/S[C@@H]1O[C@H](CO)[C@@H](O)[C@H](O)[C@H]1O

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

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