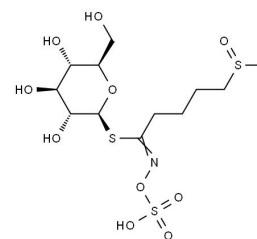


Technical Data Sheet

GLUCORAPHANIN

Compound Information

Product Name:	GLUCORAPHANIN
CAS No.:	21414-41-5
Molecular Formula:	C ₁₂ H ₂₃ NO ₁₀ S ₃
Molecular Weight:	437.51
Storage:	Powder -20°C 3 years; 4°C 2 years In solvent -80°C 6 months; -20°C 1 month
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	Glucoraphanin, a natural glucosinolate found in cruciferous vegetable, is a stable precursor of the Nrf2 inducer sulforaphane, which possesses antioxidant, anti-inflammatory, and anti-carcinogenic effects.
Form	White solid.
Color	White to light yellow
Purity (HPLC)	>95%
Solubility	Water ≥ 76.5 mg/mL
1H NMR	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.