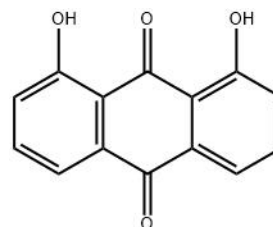


Technical Data Sheet

1,8-Dihydroxyanthraquinone

Compound Information

Product Name:	1,8-Dihydroxyanthraquinone
CAS No.:	117-10-2
Molecular Formula:	C ₁₄ H ₈ O ₄
Molecular Weight:	240.21
Storage:	Store at 2 -8 °C
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	Danthron functions in regulating glucose and lipid metabolism by activating AMPK. Danthron is a synthetic anthraquinone derivative, currently used as an antioxidant in synthetic lubricants, in the synthesis of antitumor agents, as a fungicide and as an in
Form	Powder
Color	Orange-brown or brown
Melting Point	191-193 °C (lit.)
Assay by titration	≥ 98%
Purity by GC	≥ 98%
Solubility	DMSO 5 mg/mL
MS	Pass test
1H NMR	Pass test
13C NMR	Pass test
IR	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.