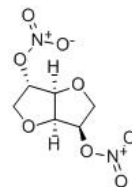


Technical Data Sheet

Isosorbide dinitrate

Compound Information

Product Name:	Isosorbide dinitrate
CAS No.:	87-33-2
Molecular Formula:	C ₆ H ₈ N ₂ O ₈
Molecular Weight:	236.14
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	Isosorbide Dinitrate is the dinitrate salt form of isosorbide, an organic nitrate with vasodilator activity. It is used in the treatment of angina pectoris.
Solubility	Undiluted isosorbide dinitrate is very slightly soluble in water, very soluble in acetone, sparingly soluble in ethanol (96 per cent). The solubility of the diluted product depends on the diluent and its concentration.
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.