

Product Datasheet

Kermesic acid (orb2815363)

Description	Kermesic acid, a natural dye originating from the insect species <i>Kermes ilices</i> , is structurally a 3,5,6,8-tetrahydroxy-9,10-anthraquinone with methyl and carboxy groups substituted at positions 1 and 2 respectively. This compound functions both as an animal metabolite and a dye. Classified chemically, it falls under the categories of tetrahydroxyanthraquinone and monocarboxylic acid. Additionally, it exists in the form of a conjugate acid of a kermesate.
Storage	-20°C
Note	For research use only
Formula	C ₁₆ H ₁₀ O ₈
MW	330.25
CAS Number	18499-92-8
SMILES	<chem>O=C(O)C1=C(O)C=C2C(=O)C=3C(O)=C(O)C=C(O)C3C(=O)C2=C1C</chem>
Expiration Date	12 months from date of receipt.

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