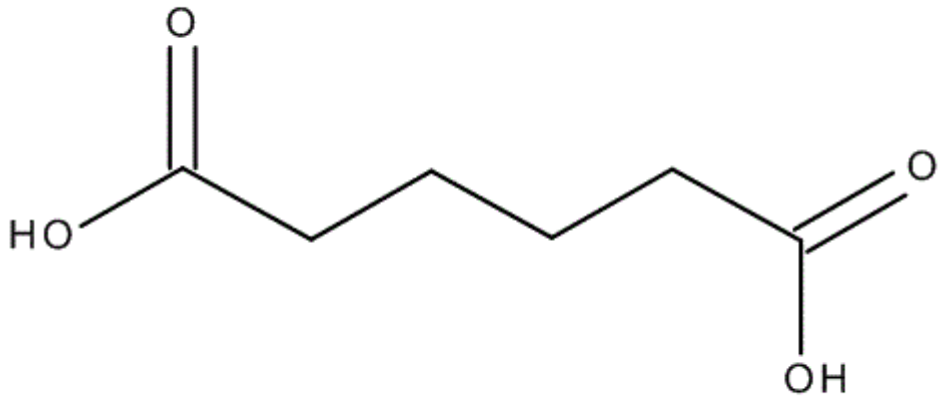


Adipic Acid

Technical datasheet



Description	
Catalogue Number	818650
Synonyms	Hexanedioic acid
Packaging unit	1kg plastic bottle
Product Information	
Molar Mass	146.14 g/mol
HS Code	2917 12 00
Structure formula Image	 <p>The image shows the skeletal structure of Adipic Acid, a six-carbon dicarboxylic acid. It consists of a zigzag chain of six carbon atoms. The two terminal carbon atoms are each bonded to a hydroxyl group (-OH) and a carbonyl group (=O), forming two carboxylic acid groups. The SMILES representation is <chem>OC(=O)CCCCC(=O)O</chem>.</p>

Physicochemical Information

Boiling point	330 °C (1013 hPa)
Density	1.360 g/cm ³ (25 °C)
Flash point	196 °C
Ignition temperature	405 °C
Melting Point	151 - 154 °C
pH value	2.7 (24.9 g/l, H ₂ O, 25 °C)
Vapor pressure	0.097 hPa (18.5 °C)
Bulk density	700 kg/m ³
Solubility	15 g/l (20 °C)

Storage and Shipping Information

Storage	Store at +15°C to +25°C.
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Transport Information

Declaration (railroad and road) ADR, RID	Kein Gefahrgut
Declaration (transport by air) IATA-DGR	No Dangerous Good
Declaration (transport by sea) IMDG-Code	No Dangerous Good

Specifications	
Specifications	
Assay (acidimetric)	≥ 99.0 %
Melting range (lower value)	≥ 150 °C
Melting range (upper value)	≤ 154 °C
Identity (IR)	passes test