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Certified Company

# Speciality Products Research Group

1<sup>st</sup> Floor, Plot No: 29/3, F-II Block, MIDC, Pimpri, Pune - 411018, INDIA.  
Tel/Fax : 020-25656669 e-mail: info@sprgchem.com website: www.sprgchem.com

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## TECHNICAL DATA SHEET

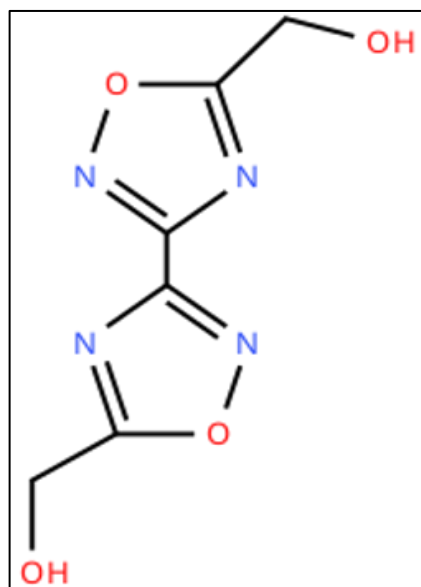
### Bis(1,2,4-oxadiazole) Diylidimethanol (BODMA)

**Precursor to Bis(1,2,4-oxadiazole)bis(methylene) Dinitrate (BODMDN). BODMDN is a High-Energy Melt-Castable Explosive and Energetic Propellant Plasticizing Ingredient which is seen as a replacement for TNT & RDX mixtures**

Molecular Formula:	C <sub>6</sub> H <sub>6</sub> N <sub>4</sub> O <sub>4</sub>
Avg Mass:	198.136 g/mol
Synonym:	[3,3'-Bis(1,2,4-oxadiazole)]-5,5'-diylidimethanol

### Specification for Bis(1,2,4-oxadiazole) Diylidimethanol (BODMA)

Sr. No.	Properties	Specified limits
1	Assay, %	≥ 98.0%
2	Melting point, °C (range)	195 - 197
3	Appearance	white powder
4	Water content, %	< 0.5
5	Solubility	Completely soluble in ethyl acetate, methanol & acetonitrile
6.	FT-IR	Complies to or matches: 3339(w), 1576(m), 1248(m), 1202.56(m), 1081(s), 979(m), 879(s)



For Speciality Products Research Group

Proprietor

