

## Typical Product Specifications & Properties

# (2S,3S,4R)-2,3,4,5-Tetrahydroxypentanal

CAS Number: : 1114-34-7

Specifications	Limits
Molecular weight	150.13
EINECS	214-212-8
SMILES	<chem>C([C@H]([C@@H]([C@@H](C=O)O)O)O)O</chem>
InChI	PYMYPHUHKUWMLA-UOWFLXDJSA-N
InChIKey	1S/C5H10O5/c6-1-3(8)5(10)4(9)2-7/h1,3-5,7-10H,2H2/t3-,4-,5-/m1/s1
Merck	14,5641
Solubility	H2O: 50 mg/mL, clear, colorless
Melting Point	108-112 °C
Density	1.545
BRN Number	1723083
Sensitive	Hygroscopic
Storage Temperature	Refrigerator



Specifications	Limits
Melting Point	106.5 &deg; C
log P (octanol-water)	-1.980
Atmospheric OH Rate Constant	7.44E-11 cm <sup>3</sup> /molecule-sec