

## Product Datasheet

### 6-Methylthio-IDP (orb65355)

<b>Description</b>	6-Methylthio-IDP
<b>Form/Appearance</b>	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
<b>Concentration</b>	10 mM-11 mM
<b>Storage</b>	store at -20 °C
<b>Note</b>	For research use only
<b>Application notes</b>	<b>Spectroscopic Propertie:</b> λ <sub>max</sub> 224/292 nm, ε 11.5/19.0 L mmol <sup>-1</sup> cm <sup>-1</sup> , (Tris-HCl pH 7.5).
<b>Formula</b>	C <sub>11</sub> H <sub>16</sub> N <sub>4</sub> O <sub>10</sub> P <sub>2</sub> S
<b>Purity</b>	≥ 95% (HPLC)
<b>MW</b>	Theoretical MW: 458.27 g/mol (free acid); Detected MW: 458.01 g/mol (free acid)
<b>SMILES</b>	CSc1c2c(n([C@H]3[C@@H]([C@@H]([C@H](O3)COP(=O)(OP(=O)(O)O)O)O)cn2)ncn1
<b>Expiration Date</b>	12 months from date of receipt.