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## Product Data Sheet

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Product Name: Hydroxypropyl Cellulose

Cat. No.: GC12270

**Chemical Properties**

Cas. No. 9004-64-2

Chemical Name AZ-20;AZ 20

SMILES [R]O[C@H]1[C@H]([\*])O[C@H](CO[R])[C@@H](O[\*])[C@@H]1O[R].[n].[R=H  
or CH2CH(OH)CH3Formula  $C_3H_8O_2 \cdot x$ Unspecified M.Wt 1004.83Solubility  $\geq 20.1$ mg/mL in DMSO Storage Store at  $-20^\circ\text{C}$ General tips For obtaining a higher solubility , please warm the tube at  $37^\circ\text{C}$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^\circ\text{C}$  for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Hydroxypropyl cellulose (HPC) is a derivative of cellulose with both water solubility and organic solubility, it is used as food additive and sieving matrix for DNA separations.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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