



## Product Information

### 2-Hydroxyethyl starch

**Cat. No.:** X22-09-ZQ147

**Size:** 5 g; 25 g; 100 g; 500 g

**MDL:** MFCD00131356

**CAS Number:** 9005-27-0

**Compound CID:** 16213095

**PubChem Substance ID:** 444111031

**Synonym:** 9005-27-0; Hydroxyethyl starch; Starch, 2-hydroxyethyl ether; 2-Hydroxyethyl starch;

(2S,3R,4S,5S,6R)-6-(Hydroxymethyl)oxane-2,3,4,5-tetrol;2-[[[(2R,3R,4S,5R

,6S)-3,4,5,6-tetrakis(2-hydroxyethoxy)oxan-2-yl]methoxy]ethanol

**This product is for research use only and is not intended for diagnostic use.**

#### Product Information

|                          |                                                                                                                                                                                                         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Molecular Weight</b>  | 580.57                                                                                                                                                                                                  |
| <b>Molecular Formula</b> | C <sub>22</sub> H <sub>44</sub> O <sub>17</sub>                                                                                                                                                         |
| <b>InChI</b>             | InChI=1S/C16H32O11.C6H12O6/c17-1-6-22-11-12-13(23-7-2-18)14(24-8-3-19)15(25-9-4-20)16(27-12)26-10-5-21;7-1-2-3(8)4(9)5(10)6(11)12-2/h12-21H,1-11H2;2-11H,1H2/t12-,13-,14+,15-,16+;2-,3-,4+,5-,6+/m11/s1 |
| <b>InChI Key</b>         | DNZMDASEFMLYBU-RNBXVSKKSA-N                                                                                                                                                                             |
| <b>Canonical SMILES</b>  | C(COCC1C(C(C(C(O1)OCCO)OCCO)OCCO)OCCO)O.C(C1C(C(C(C(O1)O)O)O)O)O                                                                                                                                        |
| <b>Form</b>              | White powder                                                                                                                                                                                            |
| <b>Applications</b>      | 2-Hydroxyethyl starch is a useful chemical compound for research and analytical purpose.                                                                                                                |
| <b>Storage</b>           | Store at -20°C.                                                                                                                                                                                         |

#### Safety Information

|                                      |                              |
|--------------------------------------|------------------------------|
| <b>Personal Protective Equipment</b> | Gloves, eyeshields, N95 mask |
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