

## Poloxamer 334 (P104)

Cat. No.:	HY-D1005A20
CAS No.:	9003-11-6
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

## Poloxamer 334 (P<sub>104</sub>)

### BIOLOGICAL ACTIVITY

#### Description

Poloxamer 334 P104 is block polymer of polyoxyethylene and polyoxypropylene with average molecular mass of 5900. Poloxamer 334 P104 forms thermoreversible hydrogel, that is utilized in food additives, drug delivery carriers in cosmetics, pharmaceutical ingredients and tissue engineering<sup>[1]</sup>.

### REFERENCES

[1]. Singh-Joy SD, et al., Safety assessment of poloxamers 101, 105, 108, 122, 123, 124, 181, 182, 183, 184, 185, 188, 212, 215, 217, 231, 234, 235, 237, 238, 282, 284, 288, 331, 333, 334, 335, 338, 401, 402, 403, and 407, poloxamer 105 benzoate, and poloxamer 182 dibenzoate as used in cosmetics. Int J Toxicol. 2008;27 Suppl 2:93-128.

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

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