

Poloxamer 238 (F88)

Cat. No.:	HY-D1005A17
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 238 (F₈₈)

BIOLOGICAL ACTIVITY

Description

Poloxamer 238 F88 is block polymer of polyoxyethylene and polyoxypropylene with average molecular mass of 11400. Poloxamer 238 F88 reduces the aggregation of red blood cells. Poloxamer 238 F88 forms thermoreversible hydrogel, that is utilized in food additives, drug delivery carriers in cosmetics, pharmaceutical ingredients and tissue engineering^{[1][2]}.

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.

[2]. Armstrong JK, et al., Modulation of red blood cell aggregation and blood viscosity by the covalent attachment of Pluronic copolymers. *Biorheology.* 2001;38(2-3):239-47.

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

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