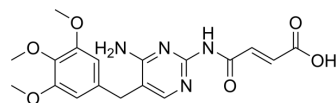


Trimethoprim fumaric acid

Cat. No.:	HY-157257
CAS No.:	1546799-45-4
Molecular Formula:	C ₁₈ H ₂₀ N ₄ O ₆
Molecular Weight:	388.37
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Trimethoprim fumaric acid (Compound CDI) is a universal hapten for ASGs (Antibacterial synergists) and can be used to design broadly specific monoclonal antibodies (mAbs) against ASGs. The mAb developed by Trimethoprim fumaric acid can be applied in ELISA to detect the residues of ASGs in foods of animal origin^[1].

REFERENCES

[1]. Li H, et al. Generic Hapten Synthesis, Broad-Specificity Monoclonal Antibodies Preparation, and Ultrasensitive ELISA for Five Antibacterial Synergists in Chicken and Milk. *J Agric Food Chem.* 2018 Oct 24;66(42):11170-11179.

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

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