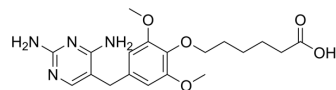


## Trimethoprim pentanoic acid

Cat. No.:	HY-157258
CAS No.:	78025-89-5
Molecular Formula:	C <sub>19</sub> H <sub>26</sub> N <sub>4</sub> O <sub>5</sub>
Molecular Weight:	390.43
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Trimethoprim pentanoic acid is hapten. Trimethoprim pentanoic acid shows IC<sub>50</sub> of 0.15 ng/mL when exposed diaminopyrimidine moiety to the immune system<sup>[1]</sup>.

### REFERENCES

[1]. Kai Wen, et al. Influence of Small Molecular Property on Antibody Response. J Agric Food Chem. 2020, 68, 39.

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

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