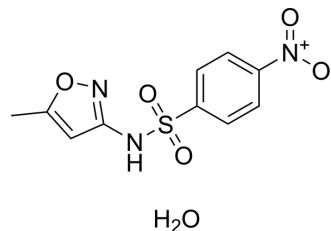


## Sulfamethoxazole-NO hydrate

Cat. No.:	HY-163038
Molecular Formula:	C <sub>10</sub> H <sub>11</sub> N <sub>3</sub> O <sub>6</sub> S
Molecular Weight:	301.28
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Sulfamethoxazole-NO (SMX-NO) hydrate is the reactive metabolite of SMX (HY-B0322). Sulfamethoxazole-NO (SMX-NO) hydrate acts as a typical hapten and is capable of covalently modifying the MHC-peptide complex, can stimulate hapten-reactive T cells<sup>[1]</sup>.

### REFERENCES

[1]. Werner J Pichler, et al. Pharmacological interaction of drugs with immune receptors: the p-i concept. *Allergol Int.* 2006 Mar;55(1):17-25.

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

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