

**Product Name:** Trimethoprim, 98%  
**Catalog Number:** 455120050

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**CAS Number:** 738-70-5  
**IUPAC Name:** 5-[(3,4,5-trimethoxyphenyl)methyl]pyrimidine-2,4-diamine  
**Molecular Formula:** C<sub>14</sub>H<sub>18</sub>N<sub>4</sub>O<sub>3</sub>  
**Molecular Weight:** 290.32  
**InChI Key:** IEDVJHCEMCRBQM-UHFFFAOYSA-N  
**SMILES:** COC1=CC(CC2=CN=C(N)N=C2N)=CC(OC)=C1OC  
**Synonym:** trimethoprim abacin alprim sulfatrim bactrim DS imexim sigaprim bactin ipral eusaprim

## Product Specification

**Appearance (Color):** White to off-white  
**Appearance (Form):** Powder  
**Infrared spectrum:** Conforms  
**Melting point:** 199°C to 203°C  
**Loss on drying:** ≤0.5 % (105°C, 4 h)  
**HPLC:** ≥97.5 %

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**Date Of Print:** 05/07/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*