

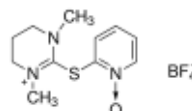
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## Product Specification

Product Name: 2-(1,3-Dimethyl-3,4,5,6-tetrahydropyrimidin-1-ium-2-ylthio)pyridine N-oxide tetrafluoroborate - 97%

Product Number: **750433**  
CAS Number: 367252-09-3  
Formula: C<sub>11</sub>H<sub>16</sub>N<sub>3</sub>OS · BF<sub>4</sub>  
Formula Weight: 325.13 g/mol  
Storage Temperature: 2 - 8 °C



TEST	Specification
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Appearance (Color)	White to Light Yellow and Faint Beige to Light Beige and Faint Brown to Light Brown
Appearance (Form)	Powder or Crystals
Proton NMR spectrum	Conforms to Structure
Fluorine NMR Spectra	Conforms to Structure
Boron NMR Spectra	Conforms to Structure
Carbon	39.2 - 42.1 %
Nitrogen	12.5 - 13.4 %
Sulfur	9.5 - 10.2 %
Purity (HPLC)	≥ 96.5 %

Specification: PRD.1.ZQ5.10000022261

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.