

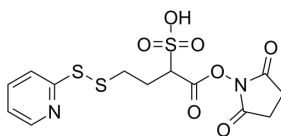
## sulfo-SPDB

Cat. No.: HY-101151  
CAS No.: 1193111-39-5  
Batch No.: 66652  
Chemical Name: Butanoic acid, 4-(2-pyridinyldithio)-2-sulfo-, 1-(2,5-dioxo-1-pyrrolidinyl) ester

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>13</sub>H<sub>14</sub>N<sub>2</sub>O<sub>7</sub>S<sub>3</sub>  
Molecular Weight: 406.45  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent   -80°C    6 months  
                                  -20°C    1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (NMR): ≥95.0%  
Conclusion: The product has been tested and complies with the given specifications.

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

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