

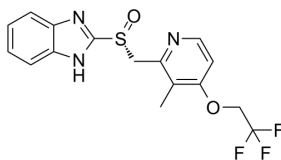
## (R)-Lansoprazole

Cat. No.: HY-13662B  
CAS No.: 138530-94-6  
Batch No.: 15332  
Chemical Name: 1H-Benzimidazole, 2-[(R)-[[3-methyl-4-(2,2,2-trifluoroethoxy)-2-pyridinyl]methyl]sulfinyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>16</sub>H<sub>14</sub>F<sub>3</sub>N<sub>3</sub>O<sub>2</sub>S  
Molecular Weight: 369.36  
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: White to off-white (Solid)  
LCMS: Consistent with structure  
Purity (LCMS): 95.04%  
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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