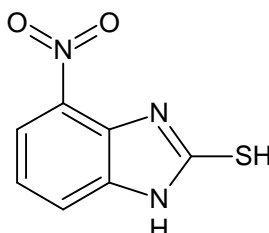




# 5-NITRO-2-MERCAPTO BENZIMIDAZOLE

## Product data



CAS No.: 6325-91-3  
EC No.: -  
Molecular Formula: C<sub>7</sub>H<sub>5</sub>N<sub>3</sub>O<sub>2</sub>S  
Molecular Weight: 195.18  
IUPAC Name: 1,3-dihydro-5-nitro-2H-benzimidazole-2-thione  
Synonyms: 5-nitro-2-benzimidazolethiole  
2-mercapto-5-nitrobenzimidazole  
5-nitrobenzimidazole-2-thiol

**Applications:** Fine chemical intermediate for synthesis

## PRODUCT DESCRIPTION

Form: yellow-brown crystalline powder  
Melting point: 274°C (decomposition)  
Water solubility: insoluble

Specification	standard
Water content	≤ 0,5 %
Assay Sulphur	16,43 ± 0,2 %
Assay Nitrogen	21,53 ± 0,2

## SHIPPING, HANDLING AND STORAGE

- The material is packaged as requested by the customer
- 5-nitro-2-mercapto benzimidazole must be stored and handled in tightly closed container and in a cool dry place

## VUP, a.s.

Nábřežná 4  
971 04 Prievidza  
Slovak Republic

## Contact:

Phone: +421 46 5430 471; +421 46 5430 889  
Mobile: +421 915 726 117  
Fax: +421 46 5430 261  
E-mail: [odbyt@vupas.sk](mailto:odbyt@vupas.sk)  
Website: [//www.vup.eu](http://www.vup.eu)