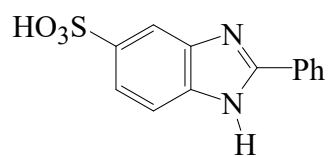




>>Entry Name: 2-Phenyl-1*H*-benzimidazole-5-sulfonic acid, 9Cl

Synonym(s): Ensulizole, INN



CAS Registry Number: 27503-81-7

Related CAS Registry Numbers(s): 5997-53-5 10020-01-6

Molecular Formula: C<sub>13</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>S

Molecular Weight: 274.3

Accurate Mass: 274.041213

Percentage Composition: C 56.92%; H 3.67%; N 10.21%; O 17.50%; S 11.69%

Biological Use/Importance: Component of sunscreen preparations

Melting Point: Mp 410 dec.°

#### References:

Sayapin, V.G. *et al.*, *Khim. Geterotsikl. Soedin.*, 1970, 681-683, (*synth*)

*Ger. Pat.*, 1982, 3 112 943; *CA*, **97**, 222763t, (*use*)

*Ger. Pat.*, 1992, *Merck*, 4 203 072; *CA*, **118**, 80940z, (*synth*)

*Ger. Pat.*, 1995, *Goldwell*, 4 426 952; *CA*, **123**, 296279s, (*use*)