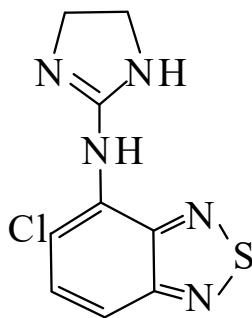




>>Entry Name: Tizanidine, BAN, INN

Synonym(s): 5-Chloro-*N*-(4,5-dihydro-1*H*-imidazol-2-yl)-2,1,3-benzothiadiazol-4-amine, 9Cl. 5-Chloro-2,1,3-benzothiadiazol-4-yl(2-imidazolin-2-yl)amine. Sirdalud. Zanaflex. DS 103-282



CAS Registry Number: 51322-75-9

Molecular Formula: C₉H₈ClN₅S

Molecular Weight: 253.714

Accurate Mass: 253.018892

Percentage Composition: C 42.61%; H 3.18%; Cl 13.97%; N 27.60%; S 12.64%

Biological Use/Importance: Muscle relaxant, spasmolytic agent

Physical Description: Cryst. (MeOH)

Development Status: Launched 1984

Melting Point: Mp 221-223°

References:

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Sayers, A.C. *et al.*, *Arzneim.-Forsch.*, 1980, **30**, 793, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 1211

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