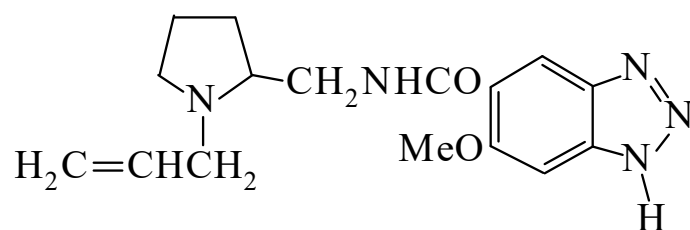




>>Entry Name: Alizapride, INN

Synonym(s): 6-Methoxy-*N*-[[1-(2-propenyl)-2-pyrrolidinyl]methyl]-1*H*-benzotriazole-5-carboxamide, 9Cl. *N*-[(1-Allyl-2-pyrrolidinyl)methyl]-6-methoxy-1*H*-benzotriazole-5-carboxamide



CAS Registry Number: 59338-93-1

Molecular Formula: C<sub>16</sub>H<sub>21</sub>N<sub>5</sub>O<sub>2</sub>

Molecular Weight: 315.374

Accurate Mass: 315.169525

Percentage Composition: C 60.94%; H 6.71%; N 22.21%; O 10.15%

Use/Importance: Antiemetic; used to control nausea and vomiting induced by cancer chemotherapy

Physical Description: Cryst. (Me<sub>2</sub>CO)

Melting Point: Mp 139°

Calculated Log P Data: Log P 2.5 (calc)

>>Derivative: Hydrochloride

Synonym(s): Limican. **Litican**‡. Liticum. Lyostene. Nagir. Nausilen. Novomin. Pesalin. Plitican. Superan. Vergentan

CAS Registry Number: 59338-87-3

Physical Description: Cryst. (butanone)

Melting Point: Mp 206-208°

#### References:

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de Jong, A.P. *et al.*, *J. Chromatogr.*, 1987, **419**, 233, (*hplc*)  
De Winter, H.L. *et al.*, *Acta Cryst. C*, 1990, **46**, 667, (*cryst struct*)  
Mannhold, R. *et al.*, *Quant. Struct.-Act. Relat.*, 1990, **9**, 21  
*Martindale, The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 868