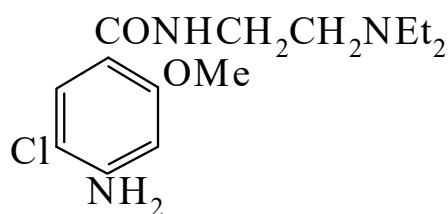




>>Entry Name: Metoclopramide, BAN, INN, JAN

Synonym(s): 4-Amino-5-chloro-*N*-[2-(diethylamino)ethyl]-2-methoxybenzamide, 9Cl. 4-Amino-5-chloro-*N*-[2-(diethylamino)ethyl]-*o*-anisamide, 8Cl



CAS Registry Number: 364-62-5

Molecular Formula: C<sub>14</sub>H<sub>22</sub>ClN<sub>3</sub>O<sub>2</sub>

Molecular Weight: 299.799

Accurate Mass: 299.140054

Percentage Composition: C 56.09%; H 7.40%; Cl 11.83%; N 14.02%; O 10.67%

Use/Importance: Dopamine receptor antagonist. Antiemetic. Used in high doses intravenously for control of nausea during chemotherapy

Calculated Log P Data: Log P 2.03 (calc)

Hazard & Toxicity: LD<sub>50</sub> (rat, orl) 750 mg/kg

>>Derivative: Hydrochloride

Synonym(s): Many other names

CAS Registry Number: 7232-21-5

Physical Description: Cryst. powder + 1H<sub>2</sub>O

Melting Point: Mp 182.5-184°

Sigma: M0763

>>Derivative: Hydrochloride (1:2)

Synonym(s): Metoclopramide hydrochloride, JAN, USAN. Reglan. Maxolon. Primperan

CAS Registry Number: 54143-57-6

Physical Description: Cryst. powder + 1H<sub>2</sub>O

Melting Point: Mp 145 dec.°

>>Derivative: *N*<sup>4</sup>-(4-Chlorophenoxyacetyl)

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