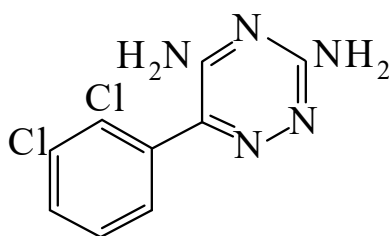




>>Entry Name: Lamotrigine, BAN, INN, USAN

Synonym(s): 6-(2,3-Dichlorophenyl)-1,2,4-triazine-3,5-diamine, 9Cl. 3,5-Diamino-6-(2,3-dichlorophenyl)-1,2,4-triazine. Lamictal. BW 430C



CAS Registry Number: 84057-84-1

Related CAS Registry Numbers(s): 119441-74-6

Molecular Formula: C<sub>9</sub>H<sub>7</sub>Cl<sub>2</sub>N<sub>5</sub>

Molecular Weight: 256.093

Accurate Mass: 255.007849

Percentage Composition: C 42.21%; H 2.75%; Cl 27.69%; N 27.35%

Use/Importance: Inhibits release of excitatory amino acids *via* blockage of neuronal voltage-dependent sodium channels. Anticonvulsant

Development Status: Launched 1990

Melting Point: Mp 167-169°

Calculated Log P Data: Log P 2.88 (calc)

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