



>>Entry Name: 2-Aminoadamantane

Synonym(s): Tricyclo[3.3.1.1^{3,7}]decan-2-amine, 9Cl. 2-Aminotricyclo[3.3.1.1^{3,7}]decane. 2-Adamantanamine

CAS Registry Number: 13074-39-0

Related CAS Registry Numbers(s): 52917-74-5

Molecular Formula: C₁₀H₁₇N

Molecular Weight: 151.251

Accurate Mass: 151.136099

Percentage Composition: C 79.41%; H 11.33%; N 9.26%

Physical Description: Deliquescent cryst. by subl.

Melting Point: Mp 230.5-236°

Rare Chemicals Library: S2341-9

>>Derivative: Hydrochloride

CAS Registry Number: 10523-68-9

Physical Description: Needles (2-propanol)

Melting Point: Mp 300-325 dec.°

Aldrich: 15381-8

Fluka: 6652

>>Derivative: 4-Methylbenzenesulfonyl

Melting Point: Mp 143-144°

>>Derivative: *N*-Benzyl

Synonym(s): *N*-(Phenylmethyl)tricyclo[3.3.1.1^{3,7}]decan-2-amine. Bemantane

CAS Registry Number: 39234-37-2

Molecular Formula: C₁₇H₂₃N

Molecular Weight: 241.375

Accurate Mass: 241.183049

Percentage Composition: C 84.59%; H 9.60%; N 5.80%

Use/Importance: Pharmaceutical intermed.

Melting Point: Mp 35.5-37°

References:

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Lavrova, L.N. *et al.*, *J. Org. Chem. USSR (Engl. Transl.)*, 1974, **10**, 766, (*derivs*)
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