



>>Entry Name: 2-Aminoacetophenone, 8CI

ENTRY UNDER REVIEW

Synonym(s): 2-Amino-1-phenylethanone, 9CI. Phenacylamine. Phenomydrol. Benzoylmethylamine

CAS Registry Number: 613-89-8

Related CAS Registry Numbers(s): 25384-14-9

PhCOCH₂NH₂

Molecular Formula: C₈H₉NO

Molecular Weight: 135.165

Accurate Mass: 135.068414

Percentage Composition: C 71.09%; H 6.71%; N 10.36%; O 11.84%

Source/Synthesis: Component of tortilla aroma and of other corn flour products

Biological Source: Constit. of *Castanopsis cuspidata* and *Vitis* sp.

Other Data: Aroma threshold 0.2 ppb in H₂O

Hazard & Toxicity: Exp. reprod. effects

>>Derivative: Hydrochloride

CAS Registry Number: 5468-37-1

Physical Description: Needles (Me₂CO/EtOH)

Melting Point: Mp 188°

Aldrich: A3820-7

Fluka: 77445

Rare Chemicals Library: S82967-6

Sigma: A9653

>>Derivative: N-Formyl

CAS Registry Number: 73286-37-0

Molecular Formula: C₉H₉NO₂

Molecular Weight: 163.176

Accurate Mass: 163.063329

Percentage Composition: C 66.25%; H 5.56%; N 8.58%; O 19.61%

Physical Description: Cryst. (Me₂CO/hexane)

Melting Point: Mp 80-82°