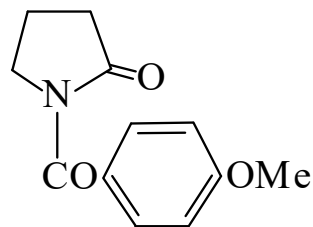




>>Entry Name: Aniracetam, INN, USAN

Synonym(s): 1-(4-Methoxybenzoyl)-2-pyrrolidinone, 9CI. 1-*p*-Anisoyl-2-pyrrolidinone. Ampamet. Draganon. Reset. Sarpol. Ro 13-5057



CAS Registry Number: 72432-10-1

Molecular Formula: C<sub>12</sub>H<sub>13</sub>NO<sub>3</sub>

Molecular Weight: 219.24

Accurate Mass: 219.089544

Percentage Composition: C 65.74%; H 5.98%; N 6.39%; O 21.89%

Use/Importance: Cognition enhancer, nootropic agent

Physical Description: Cryst. (EtOH)

Development Status: Launched 1993 (Italy, Japan)

Melting Point: Mp 121-122°

Calculated Log P Data: Log P 0.72 (uncertain value) (calc)

Hazard & Toxicity: LD<sub>50</sub> (rat, orl) 4300 mg/kg. LD<sub>50</sub> (rat, ipr) 1255 mg/kg

Sigma: A9950

#### References:

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