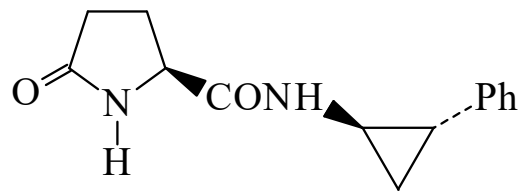




>>Entry Name: **Rolicyprine**, INN, USAN

**Synonym(s):** 5-Oxo-*N*-(2-phenylcyclopropyl)-2-pyrrolidinecarboxamide, 9Cl. **Rolicypram**, BAN. Cypromin. Ex 4883. RMI 83027



**CAS Registry Number:** 2829-19-8

**Molecular Formula:** C<sub>14</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight:** 244.293

**Accurate Mass:** 244.121178

**Percentage Composition:** C 68.83%; H 6.60%; N 11.47%; O 13.10%

**Use/Importance:** Antidepressant

**Physical Description:** Cryst. (H<sub>2</sub>O)

**Melting Point:** Mp 144-147°

**Optical Rotation:**  $[\alpha]_{\text{D}}^{25} +104.28$  (DMF)

**Calculated Log P Data:** Log P -0.03 (calc)

**Sigma:** O6625

#### References:

*U.K. Pat.*, 1964, 961 313; *CA*, **61**, 6954, (*synth*)

*U.K. Pat.*, 1965, 1 000 895; *CA*, **63**, 16307, (*synth, use*)

McMonigle, J.J. *et al.*, *Arch. Int. Pharmacodyn. Ther.*, 1969, **178**, 53, (*pharmacol*)

Lowe, M.C. *et al.*, *Eur. J. Pharmacol.*, 1973, **21**, 46, (*pharmacol*)