

## Product Information

### Rolziracetam, Purity $\geq 98\%$

**Cat. No.:** X24-09-YM1442

**Size:** 5 mg; 10 mg; 50 mg; 100 mg

**MDL:** MFCD00867785

**CAS Number:** 18356-28-0

**Compound CID:** 71893

**Synonym:** 18356-28-0; Rolziracetam; BRN 0121236; CI 911; CI-911;

2,6,7,8-Tetrahydro-1*H*-pyrrolizine-3,5-dione



**This product is for research use only and is not intended for diagnostic use.**

#### Product Information

<b>Description</b>	Rolziracetam is a nootropic compound of the racetam family and improves short-term memory in rats and monkeys. The molecular weight of the compound is 139.15, and its molecular formula is C <sub>7</sub> H <sub>9</sub> NO <sub>2</sub> .
<b>Molecular Weight</b>	139.15
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>9</sub> NO <sub>2</sub>
<b>IUPAC Name</b>	2,6,7,8-Tetrahydro-1 <i>H</i> -pyrrolizine-3,5-dione
<b>InChI</b>	InChI=1S/C7H9NO2/c9-6-3-1-5-2-4-7(10)8(5)6/h5H,1-4H2
<b>InChI Key</b>	IEZDOKQWPWZVQF-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C1CC(=O)N2C1CCC2=O
<b>Isomeric SMILES</b>	CN1C=C(N=N1)/C=C\2/[C@@H]3N(C2=O)C(=CS3)C(=O)[O-].[Na+]
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<b>Impurities</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	In its lyophilized form, the chemical remains stable for 36 months.
<b>Quality Level</b>	Research grade
<b>Applications</b>	Rolziracetam can be studied extensively for its potential therapeutic applications in the treatment of cognitive dysfunction and epilepsy.
<b>Storage</b>	Store at -20°C, and keep desiccated.

