

## Product Information

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

**Cat. No.:** X24-09-YM1428

**Size:** 5 mg; 10 mg; 20 mg; 50 mg

**MDL:** MFCD00190580

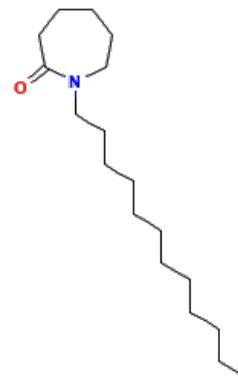
**CAS Number:** 59227-89-3

**Compound CID:** 42981

**Synonym:** 59227-89-3; Laurocapram; Azone; N 0252; N-0252; *N*-Lauryl caprolactam;

Tranzone; 1-Dodecylazepan-2-one

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



#### Product Information

<b>Description</b>	Laurocapram is a chemical enhancer for skin permeation. The molecular weight of the compound is 281.48, and its molecular formula is C <sub>18</sub> H <sub>35</sub> NO.
<b>Molecular Weight</b>	281.48
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>35</sub> NO
<b>IUPAC Name</b>	1-Dodecylazepan-2-one
<b>InChI</b>	InChI=1S/C18H35NO/c1-2-3-4-5-6-7-8-9-10-13-16-19-17-14-11-12-15-18(19)20/h2-17H2,1H3
<b>InChI Key</b>	AXTGDCSMTYGJND-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CCCCCCCCCCCN1CCCCC1=O
<b>Isomeric SMILES</b>	C[C@@]1([C@@H](N2[C@H](S1(=O)=O)CC2=O)C(=O)[O-])CN3C=C[N+](=N3)C
<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>	Laurocapram can be used for its ability to enhance the permeability of skin.
<b>Storage</b>	Store at -20°C, and keep desiccated.