

## Product Information

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

**Cat. No.:** X24-09-YM1419

**Size:** 500 mg; 1 g; 2 g; 5 g

**MDL:** MFCD00006750

**CAS Number:** 132-60-5

**Compound CID:** 8593

**Synonym:** 132-60-5; 2-Phenylquinoline-4-carboxylic acid;

2-Phenyl-4-quinolinecarboxylic acid; Cinchopen; 2-Phenylcinchoninic acid; Tervalon;

Atophan; Cinchophene; Cinconal; Phenoquin; Quinofen; Quinophan; Quinophen;

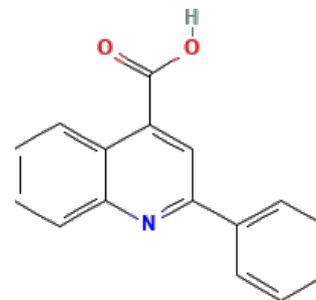
Atofan; Cinchophenic acid; Aciphenochinolinium; Aminophan; Artexin; Cincosal;

Ikterosan; Mylofanol; Phenophan; Rhematan; Rheumin; Tophosan; Traubofan;

Viophan; Agotan; Alutyl; Artam; Atigoa; Atocin; Tophol; Vantyl; Aciphenochinoline;

2-Phenylquinoline-4-carboxylic acid

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



### Product Information

<b>Description</b>	Cinchophen, soluble in DMSO and ethanol and insoluble in water, is an analgesic compound. The molecular weight of the compound is 249.26, and its molecular formula is C <sub>16</sub> H <sub>11</sub> NO <sub>2</sub> .
<b>Molecular Weight</b>	249.26
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>11</sub> NO <sub>2</sub>
<b>IUPAC Name</b>	2-Phenylquinoline-4-carboxylic acid
<b>InChI</b>	InChI=1S/C16H11NO2/c18-16(19)13-10-15(11-6-2-1-3-7-11)17-14-9-5-4-8-12(13)14/h1-10H,(H,18,19)
<b>InChI Key</b>	YTRMTPPVNRALON-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C1=CC=C(C=C1)C2=NC3=CC=CC=C3C(=C2)C(=O)O
<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>Solubility</b>	<i>In vitro</i> : DMSO: 47 mg/mL (188.55 mM); Water: insoluble; Ethanol: 5 mg/mL (20.05 mM)
<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>	Cinchophen plays a key role in pain relief and decreasing inflammation.
<b>Storage</b>	Store at -20°C, and keep desiccated.

---