



## Product Information

**Product ID** R0348

**CAS No.** 196597-26-9

**Chemical Name** (S)-N-[2-(1,6,7,8-tetrahydro-2H-indeno-[5,4-b]furan-8-yl)ethyl]propionamide

**Synonym**

**Formula** C<sub>16</sub>H<sub>21</sub>NO<sub>2</sub>

**Formula Wt.** 259.34

**Melting Point** 113-116 °C

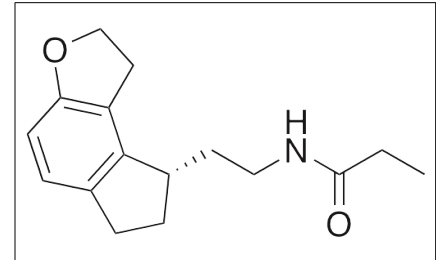
**Purity** ≥98%

**Solubility** Soluble in water (<1.2 mg/ml), ethanol (≥50 mg/ml), DMSO (≥50 mg/ml), DMF, and methanol

**Store Temp** Ambient

**Ship Temp** Ambient

**Description** Ramelteon is a melatonin MT<sub>1/2</sub> receptor agonist used clinically to treat insomnia. Ramelteon displays hypnotic activity and may be immunostimulatory as well. In animal models, ramelteon decreases wakefulness and increases slow-wave and rapid eye movement (REM) sleep.



## Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
R0348	10 mg	\$143.90
R0348	25 mg	\$277.10
R0348	100 mg	\$830.70

**References** Fourman LT, Robert Meyer B. Autoimmune hepatitis in association with ramelteon. *J Clin Gastroenterol.* 2013 Aug;47(7):651-4. PMID: 23632362.

Zammit GK. Ramelteon: a novel hypnotic indicated for the treatment of insomnia. *Psychiatry (Edgmont).* 2007 Sep;4(9):36-42. PMID: 20532119.

Miyamoto M, Nishikawa H, Doken Y, et al. The sleep-promoting action of ramelteon (TAK-375) in freely moving cats. *Sleep.* 2004 Nov 1;27(7):1319-25. PMID: 15586784.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.