

Product Information

Product ID A1334
CAS No. 924416-43-3
Chemical Name 2-(4-Benzoylphenoxy)-N-[1-(phenylmethyl)-4-piperidinyl]acetamide

Synonym SC-396658

Formula C₂₇H₂₈N₂O₃
Formula Wt. 428.53

Melting Point

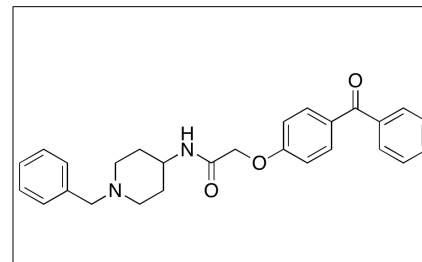
Purity ≥98%

Solubility Soluble in DMSO, 100% ethanol or methanol. Insoluble in water

Store Temp -20°C

Ship Temp Ambient

Description AdipoRon is an agonist at adiponectin receptors that increases secretion of AMPK and PPAR-α. AdipoRon exhibits anti-diabetic and cardioprotective activities and is in development as a potential treatment for type 2 diabetes mellitus (T2DM). In vivo, AdipoRon decreases insulin resistance and glucose tolerance, ameliorates diabetes, and increases lifespan. In animal models of myocardial ischemia/reperfusion, this compound improves cardiac function, decreases oxidative stress, and inhibits post-ischemic cardiomyocyte apoptosis.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A1334	10 mg	\$157.50
A1334	50 mg	\$630.00

References Zhang Y, Zhao J, Li R, et al. AdipoRon, the first orally active adiponectin receptor activator, attenuates postischemic myocardial apoptosis through both AMPK-mediated and AMPK-independent signalings. *Am J Physiol Endocrinol Metab.* 2015 Aug 1;309(3):E275-82. PMID: 26037251.

Okada-Iwabu M, Yamauchi T, Iwabu M, et al. A small-molecule AdipoR agonist for type 2 diabetes and short life in obesity. *Nature.* 2013 Nov 28;503(7477):493-9. PMID: 24172895.

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