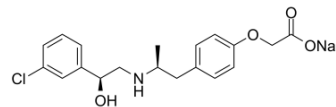


BRL 37344 sodium

Cat. No.:	HY-101325		
CAS No.:	127299-93-8		
Molecular Formula:	C ₁₉ H ₂₁ ClNNaO ₄		
Molecular Weight:	385.82		
Target:	Adrenergic Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	BRL 37344 sodium (BRL 37344A) is a specific β3-adrenergic receptor agonist. BRL 37344 sodium treatment significantly lowers the body weight of obese mice ^[1] .		
IC₅₀ & Target	β3-adrenergic receptor ^[1]		
In Vivo	BRL37344 sodium (BRL 37344A) treatment significantly lowers the body weight of obese mice ^[1] .		
	Animal Model:	Five-week-old male Imprinting Control Region (ICR) mice ^[1]	
	Dosage:	2.5 mg/kg	
	Administration:	Intraperitoneal injection; three times per week for two weeks	
	Result:	Lowered the body weight of obese mice.	

REFERENCES

[1]. Wu C, et al. Activating brown adipose tissue for weight loss and lowering of blood glucose levels: a microPET study using obese and diabetic model mice. PLoS One. 2014 Dec 2;9(12):e113742.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA