



## 99% Purity Cas 2381089-83-2 (LY-3437943) (RETA) | 60mg/Vial For Reducing Appetite

Our Product Introduction

for more products please visit us on [peptide-powder.com](http://peptide-powder.com)

### Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-Reta
- Minimum Order Quantity: 5 boxes
- Price: Negotiable
- Packaging Details: 60mg/vial, 10vials/box
- Delivery Time: 3-5 work days after your payment
- Payment Terms: T/T, MoneyGram, Western Union
- Supply Ability: 20,000boxes/Month



### Product Specification

- Name: Reta 12mg For Sale
- CAS: 2381089-83-2
- MW: 4845.444
- MF: C223H343F3N46O70
- Color: White
- Material: Powder
- Specification: 10mg, 15mg, 60mg
- MOQ: 5 Boxes
- Highlight: **LY-3437943 2mg, peptide 5mg, 10mg research chemical**



### More Images



### Product Description

**Research Grade Cas 2381089-83-2 (LY-3437943) RT30 Peptide With Fast Shipping**

Reta (LY-3437943) powder is used to treat type 2 diabetes, obstructive sleep apnea, osteoarthritis, obesity, and non-alcoholic fatty liver disease. Reta peptide is a triple hormone receptor agonist for GLP-1, GIP, and GCGR receptors. By activating these receptors, Reta may help regulate appetite, increase energy expenditure, and improve glucose metabolism.

**Chemical Property:**

Product Name:	Reta
CAS No.:	2381089-83-2
Molecular Formula:	C223H343F3N46O70
Molecular Weight:	4845.444
Sequence:	Tyr- (Aib)-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile- (α-Me-Leu)-Leu-Asp-Lys- (diacid)-C20-gamma-Glu-(AEEA)-Lys-Ala-Gln- (Aib)-Ala-Phe-Ile-Glu-Tyr-Leu-L-Glu-Gly-Gly -Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH2
Other names/Synonyms:	LY-3437943
Storage Temp:	Please seal and store at 8°C–20°C

**What is the mechanism of action of Reta?**

As a triple agonist peptide diet pill to help control obesity, Ridarutide powder targets three different hormones in the body: gastric inhibitory peptide (GIP), glucagon-like peptide-1 (GLP-1), and glucagon. GIP and GLP-1

**Blood Sugar Control**

After injection, eating food raises blood sugar, triggering GIP and GLP-1, which stimulate insulin secretion and increase blood insulin levels, lowering blood sugar and ultimately promoting weight loss.

**Reduces Appetite**

GLP-1 and GIP also affect appetite. They delay gastric emptying (GE), reducing hunger and increasing satiety, thus reducing food intake and achieving weight loss.

**Glucagon**

During prolonged periods of no carbohydrate intake (e.g., during sleep, adherence to a low-calorie diet, or intermittent fasting), glucagon promotes the breakdown of glycogen into glucose for energy, which in turn breaks down fat over a period of time, leading to weight loss.

**Reta In Type 2 Diabetes**

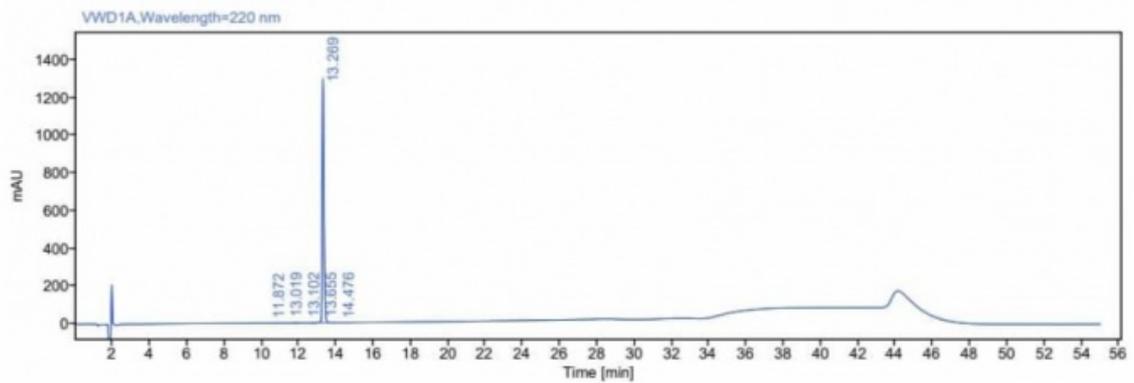
Group	Dosage (mg)	Change in HbA1c at 24 weeks (%)	Change in HbA1c at 36 weeks (%)	Weight change (kg)
Placebo	0	-0.01 (0.21)	-0.13 (0.25)	-0.54 (0.73)
Reta	0.5	-0.43 (0.20)	-0.64 (0.26)	-1.45 (0.80)
Reta	1.5	-1.39 (0.14)	-1.64 (0.19)	-2.78 (0.64)
Reta	4 (increasing)	-1.30 (0.22)	-1.51 (0.25)	-2.51 (0.71)
Reta	8 (slowly increasing)	-1.99 (0.15)	-2.28 (0.18)	-3.42 (0.58)
Retat	8 (rapidly increasing)	-1.88 (0.21)	-2.13 (0.24)	-3.17 (0.67)
Reta	12	-2.02 (0.11)	-2.36 (0.15)	-3.83 (0.51)

**Product Images:**



HPLC:

**Data file:** 02 RET-23071401-03.dx  
**Sequence Name:** 20230829  
**Sample name:** RET-23071401-03  
**Instrument:** SB-066  
**Inj. volume:** 10.000 µL  
**Acq. method:** RET-ZK.amx  
**Processing method:** \*New method 1.pmx  
**Data Path:** /2023/SB-066/RET/control/Results/20230829.rsit  
**Project Name:** control  
**Operator:** Dai Yuanke  
**Injection date:** 2023-08-29 14:46:05+08:00  
**Location:** P2-F2  
**Type:** Sample  
**Manually modified:** None



Signal: VWD1A, Wavelength=220 nm

No.	RT [min]	Name	Width [min]	Area	Height	Area%	Resolution
1	11.872		0.27	1.0768	0.18	0.01	
2	13.019		0.39	16.1880	2.86	0.19	
3	13.102		0.09	19.4414	3.79	0.23	
4	13.269		0.48	8295.9250	1293.00	99.30	
5	13.655		0.21	14.6719	2.27	0.18	
6	14.476		0.40	7.5110	0.91	0.09	
		Sum		8354.81			



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