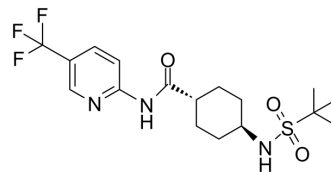


## Velneperit

Cat. No.:	HY-14423		
CAS No.:	342577-38-2		
Molecular Formula:	C <sub>17</sub> H <sub>24</sub> F <sub>3</sub> N <sub>3</sub> O <sub>3</sub> S		
Molecular Weight:	407.45		
Target:	Neuropeptide Y Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 30 mg/mL (73.63 mM)  
 \* "≥" means soluble, but saturation unknown.

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.4543 mL	12.2714 mL	24.5429 mL
5 mM	0.4909 mL	2.4543 mL	4.9086 mL
10 mM	0.2454 mL	1.2271 mL	2.4543 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Velneperit (S-2367) is a novel neuropeptide Y (NPY) Y5 receptor antagonist. Target: neuropeptide Y receptor  
 Velneperit (S-2367) is a once-daily, oral, centrally acting, small molecule neuropeptide Y (NPY) Y5 receptor antagonist.

### CUSTOMER VALIDATION

- Transl Psychiatry. 2018 Aug 22;8(1):164.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

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[1]. Shinichi Oda\*, et al. Development of an Optimized Synthetic and Purification Process of S-2367 (Velnepirit), a Novel Neuropeptide Y (NPY) Y5 Receptor Antagonist. *Org. Process Res. Dev.*, 2015, 19 (4), pp 531-536.

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

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