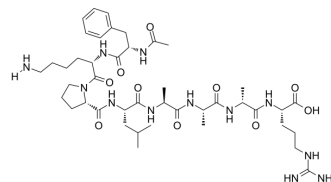


## BM213

Cat. No.:	HY-145237
CAS No.:	2891606-02-1
Molecular Formula:	C <sub>43</sub> H <sub>70</sub> N <sub>12</sub> O <sub>10</sub>
Molecular Weight:	915.09
Sequence:	Ac-Phe-Lys-Pro-Leu-Ala-Ala-Ala-Arg
Sequence Shortening:	Ac-FKPLAAAR
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 50 mg/mL (54.64 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	1.0928 mL	5.4639 mL	10.9279 mL
		5 mM	0.2186 mL	1.0928 mL	2.1856 mL
		10 mM	0.1093 mL	0.5464 mL	1.0928 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (109.28 mM); Clear solution; Need ultrasonic				

### BIOLOGICAL ACTIVITY

Description	BM213, a potent and selective agonist for C5aR1, shows antitumor activity in a mouse model of mammary carcinoma.
-------------	--

### REFERENCES

[1]. Gorman DM, et al. Development of Potent and Selective Agonists for Complement C5a Receptor 1 with In Vivo Activity. J Med Chem. 2021 Nov 11.

---

**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](mailto:tech@MedChemExpress.com)

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