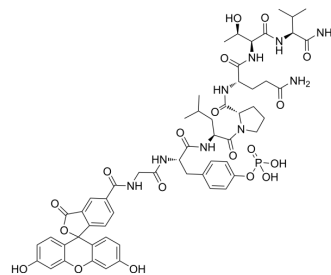


5-FAM-GpYLPQTV-NH2

Cat. No.:	HY-P10202
CAS No.:	769166-98-5
Molecular Formula:	C ₅₇ H ₆₈ N ₉ O ₁₉ P
Molecular Weight:	1214.17
Sequence:	5-FAM-Gly-{p-Tyr}-Leu-Pro-Gln-Thr-Val-NH2
Sequence Shortening:	5-FAM-G-{p-Tyr}-LPQTV-NH2
Target:	STAT
Pathway:	JAK/STAT Signaling; Stem Cell/Wnt
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (82.36 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		0.8236 mL	4.1180 mL	8.2361 mL
	5 mM		0.1647 mL	0.8236 mL	1.6472 mL
	10 mM		0.0824 mL	0.4118 mL	0.8236 mL

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

BIOLOGICAL ACTIVITY

Description

5-FAM-GpYLPQTV-NH2 is a fluorescently labeled peptide and has STAT3 inhibitory activity. 5-FAM-GpYLPQTV-NH2 can be used in cancer research^[1].

REFERENCES

[1]. Schust J, et al. A high-throughput fluorescence polarization assay for signal transducer and activator of transcription 3. *Anal Biochem.* 2004 Jul 1;330(1):114-8.

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

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