

DAPK Substrate Peptide TFA

Cat. No.:	HY-P1344A	
Molecular Formula:	$C_{72}H_{116}F_3N_{25}O_{19}$	
Molecular Weight:	1692.84	
Sequence:	Lys-Lys-Arg-Pro-Gln-Arg-Arg-Tyr-Ser-Asn-Val-Phe	KKRPQRRYSNVF (TFA salt)
Sequence Shortening:	KKRPQRRYSNVF	
Target:	DAPK	
Pathway:	Apoptosis	
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

H₂O : 50 mg/mL (29.54 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		0.5907 mL	2.9536 mL	5.9072 mL
	5 mM		0.1181 mL	0.5907 mL	1.1814 mL
	10 mM		0.0591 mL	0.2954 mL	0.5907 mL

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

BIOLOGICAL ACTIVITY

Description

DAPK Substrate Peptide TFA is a synthetic peptide substrate for death associated protein kinase (DAPK), with a K_m of 9 μM ^[1].

REFERENCES

[1]. Valentza AV. A protein kinase associated with apoptosis and tumor suppression: structure, activity, and discovery of peptide substrates. J Biol Chem. 2001;276(42):38956-38965.

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

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