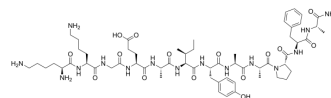


## Abl protein tyrosine kinase substrate

Cat. No.:	HY-P5426
CAS No.:	1377320-37-0
Molecular Formula:	C <sub>60</sub> H <sub>93</sub> N <sub>15</sub> O <sub>15</sub>
Molecular Weight:	1264.47
Sequence:	Lys-Lys-Gly-Glu-Ala-Ile-Tyr-Ala-Ala-Pro-Phe-Ala-NH <sub>2</sub>
Sequence Shortening:	KKGEAIYAAPFA-NH <sub>2</sub>
Target:	Others
Pathway:	Others
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

H<sub>2</sub>O : ≥ 27.5 mg/mL (21.75 mM)

\* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.7908 mL	3.9542 mL	7.9085 mL
	5 mM	0.1582 mL	0.7908 mL	1.5817 mL
	10 mM	0.0791 mL	0.3954 mL	0.7908 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Abl protein tyrosine kinase substrate is a biological active peptide. (Abltide is a peptide substrate for Abl Kinase (Abl protein tyrosine kinase), a partner in the gag-Abl fusion protein of the Abelson murine leukemia virus. Used in Western blot and kinase assay.)

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

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