



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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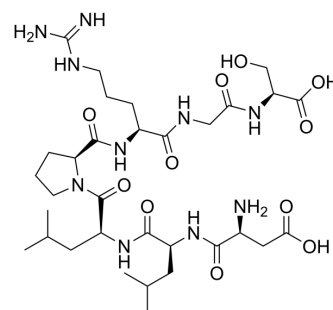
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## P110

<b>Cat. No.:</b>	HY-P10368
<b>CAS No.:</b>	1411976-18-5
<b>Molecular Formula:</b>	C <sub>32</sub> H <sub>56</sub> N <sub>10</sub> O <sub>11</sub>
<b>Molecular Weight:</b>	756.85
<b>Sequence:</b>	Asp-Leu-Leu-Pro-Arg-Gly-Ser
<b>Sequence Shortening:</b>	DLLPRGS
<b>Target:</b>	Dynamin
<b>Pathway:</b>	Cytoskeleton
<b>Storage:</b>	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 : 50 mg/mL (66.06 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.3213 mL	6.6063 mL	13.2127 mL
5 mM	0.2643 mL	1.3213 mL	2.6425 mL
10 mM	0.1321 mL	0.6606 mL	1.3213 mL

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

### BIOLOGICAL ACTIVITY

#### Description

P110, a peptide inhibitor of Drp1-Fis1 interaction, reduces pathology in numerous models of neurodegeneration, ischemia, and sepsis without blocking the physiological functions of Drp1<sup>[1]</sup>.

### REFERENCES

[1]. Luis Rios, et al. Targeting an allosteric site in dynamin-related protein 1 to inhibit Fis1-mediated mitochondrial dysfunction. Nat Commun. 2023 Jul 19;14(1):4356.

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

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