



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Azaline B

Cat. No.:	HY-P10472
CAS No.:	134457-28-6
Molecular Formula:	C <sub>80</sub> H <sub>102</sub> ClN <sub>23</sub> O <sub>12</sub>
Molecular Weight:	1613.27
Sequence:	Ac-{d-Ala<2Nal>}-{d-Phe<Cl>}-{d-Ala<Py>}-Ser-{Phe<X>}-{d-Phe<X>}-Leu-{Lys<Ph>}-Pro-{d-Ala} X=3-amino-1H-1,2,4-triazol-5-yl)amino
Sequence Shortening:	Ac-{d-Ala<2Nal>}-{d-Phe<Cl>}-{d-Ala<Py>}-S-{Phe<X>}-{d-Phe<X>}-L-{Lys<Ph>}-P-{d-Ala} X=3-amino-1H-1,2,4-triazol-5-yl)amino
Target:	GnRH Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	Azaline B is an antagonist for gonadotropin-releasing hormone (GnRH) with IC <sub>50</sub> of 1.37 nM, Azaline B can be used in research of sex hormone-related pathological states, ovulation induction and male contraception <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 1.37 nM (GnRH)

### REFERENCES

[1]. Samant MP, et al., Novel gonadotropin-releasing hormone antagonists with substitutions at position 5. Biopolymers. 2005;80(2-3):386-91.

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

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