



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

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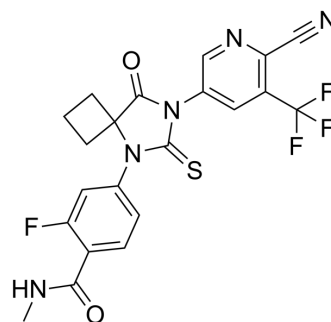
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Apalutamide (Standard)

Cat. No.:	HY-16060R
CAS No.:	956104-40-8
Molecular Formula:	C ₂₁ H ₁₅ F ₄ N ₅ O ₂ S
Molecular Weight:	477.43
Target:	Androgen Receptor
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Apalutamide (Standard) is the analytical standard of Apalutamide. This product is intended for research and analytical applications. Apalutamide (ARN-509) is a potent and competitive androgen receptor (AR) antagonist, binding AR with an IC ₅₀ of 16 nM ^[1] .
IC ₅₀ & Target	IC50: 16 nM (Androgen receptor) ^[1]

REFERENCES

[1]. Clegg NJ, et al. ARN-509: a novel antiandrogen for prostate cancer treatment. *Cancer Res.* 2012 Mar 15;72(6):1494-503.

[2]. Smith MR, et al. Phase 2 Study of the Safety and Antitumor Activity of Apalutamide (ARN-509), a Potent Androgen Receptor Antagonist, in the High-risk Nonmetastatic Castration-resistant Prostate Cancer Cohort. *Eur Urol.* 2016 May 6. pii: S0302-2838(16)30133

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

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