



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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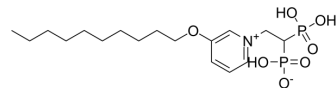
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BPH-715

Cat. No.:	HY-118224		
CAS No.:	1059677-23-4		
Molecular Formula:	C ₁₇ H ₃₁ NO ₇ P ₂		
Molecular Weight:	423.38		
Target:	Parasite		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

0.5 M NaOH : 80 mg/mL (188.96 mM; ultrasonic and adjust pH to 11 with NaOH)
 DMSO : 5 mg/mL (11.81 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.3619 mL	11.8097 mL	23.6194 mL
	5 mM	0.4724 mL	2.3619 mL	4.7239 mL
	10 mM	0.2362 mL	1.1810 mL	2.3619 mL

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

BIOLOGICAL ACTIVITY

Description

BPH-715 is a bisphosphonate, inhibits Plasmodium liver-stage growth, with an IC₅₀ of 10 μM for Plasmodium exoerythrocytic forms in HepG2 cells^[1].

REFERENCES

[1]. Singh AP, et al. Lipophilic bisphosphonates are potent inhibitors of Plasmodium liver-stage growth. Antimicrob Agents Chemother. 2010 Jul;54(7):2987-93.

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

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