



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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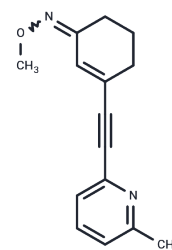
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ABP688

Chemical Properties

CAS No. :	924298-51-1
Formula:	C ₁₅ H ₁₆ N ₂ O
Molecular Weight:	240.3
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	ABP688 is a non-competitive and selective mGluR5 antagonist (K _i = 1.7 nM). ABP688 can be used as a PET tracer for clinical imaging.
Targets(IC ₅₀)	GluR

Solubility Information

Solubility	DMSO: 2.39 mg/mL (10 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1615 mL	20.8073 mL	41.6146 mL
5 mM	0.8323 mL	4.1615 mL	8.3229 mL
10 mM	0.4161 mL	2.0807 mL	4.1615 mL
50 mM	0.0832 mL	0.4161 mL	0.8323 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

DeLorenzo C, et al. In vivo ketamine-induced changes in [¹¹C]ABP688 binding to metabotropic glutamate receptor subtype 5. *Biol Psychiatry*. 2015 Feb 1;77(3):266-275.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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