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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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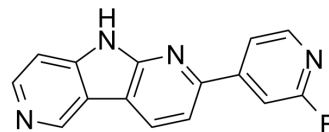
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Tau tracer 2

Cat. No.:	HY-134880
CAS No.:	2173361-80-1
Molecular Formula:	C ₁₅ H ₉ FN ₄
Molecular Weight:	264.26
Target:	Microtubule/Tubulin
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 16.67 mg/mL (63.08 mM; ultrasonic and warming and heat to 60°C)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.7842 mL	18.9208 mL	37.8415 mL
		5 mM		0.7568 mL	3.7842 mL	7.5683 mL
		10 mM		0.3784 mL	1.8921 mL	3.7842 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.67 mg/mL (6.32 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.67 mg/mL (6.32 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.67 mg/mL (6.32 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Tau tracer 2 (PI-2620) is a Tau tracer used for imaging Tau protein aggregates. Tau tracer 2 can be used to diagnose neurodegenerative diseases ^[1] .
In Vitro	Tau tracer 2 (compound F-3a) can be employed in the selective Tau detection of disorders and abnormalities associated with Tau aggregates such as Alzheimer's disease and other tauopathies using Positron Emission Tomography (PET) Imaging [1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Heiko Kroth, et al. Compounds for imaging tau protein aggregates. WO2018015549A1.

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

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