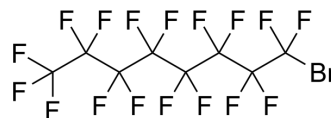


Perflubron

Cat. No.:	HY-B1724		
CAS No.:	423-55-2		
Molecular Formula:	C ₈ BrF ₁₇		
Molecular Weight:	498.96		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-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 (33.41 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.0042 mL	10.0208 mL	20.0417 mL
		5 mM	0.4008 mL	2.0042 mL	4.0083 mL
10 mM		0.2004 mL	1.0021 mL	2.0042 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 (3.35 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Perflubron (Perfluorooctyl bromide) is a contrast medium for magnetic resonance imaging and sonography. Perflubron can be emulsified with egg phospholipids (EYP) and shows exceptionally fast excretion characteristics ^{[1][2]} .
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REFERENCES

[1]. Perflubron, From Wikipedia, the free encyclopedia

[2]. Perflubron

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

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