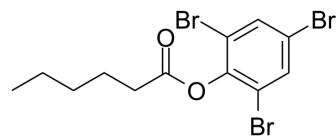


2,4,6-Tribromophenyl caproate

Cat. No.:	HY-101506		
CAS No.:	16732-09-5		
Molecular Formula:	C ₁₂ H ₁₃ Br ₃ O ₂		
Molecular Weight:	428.94		
Target:	Fungal		
Pathway:	Anti-infection		
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 : ≥ 50 mg/mL (116.57 mM)
 * "≥" means soluble, but saturation unknown.

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.3313 mL	11.6566 mL	23.3133 mL
5 mM	0.4663 mL	2.3313 mL	4.6627 mL
10 mM	0.2331 mL	1.1657 mL	2.3313 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: ≥ 2.5 mg/mL (5.83 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (5.83 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

2,4,6-Tribromophenyl caproate (2,4,6-tribromophenyl caproic acid ester) is an anti-fungal agent.

IC₅₀ & Target

anti-fungal^[1]

In Vivo

2,4,6-Tribromophenyl caproate (2,4,6-tribromophenyl caproic acid ester) contains at least one selected from Sharon skin or a salt thereof transdermal absorption patch according to any one of the first term through the fifth term^[1].
 MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Shusuke Ono, et al. Transdermal patch preparation. JP2002363070A.

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

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