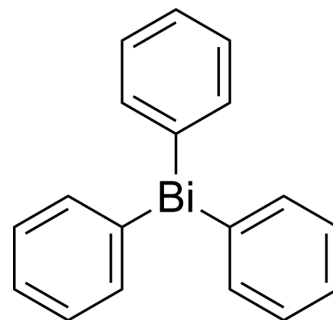


Triphenylbismuth

Cat. No.:	HY-124076
CAS No.:	603-33-8
Molecular Formula:	C ₁₈ H ₁₅ Bi
Molecular Weight:	440.29
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 3.33 mg/mL (7.56 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.2712 mL	11.3562 mL	22.7123 mL
	5 mM		0.4542 mL	2.2712 mL	4.5425 mL
	10 mM		---	---	---

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

BIOLOGICAL ACTIVITY

Description

Triphenylbismuth is a catalyst that can be used to catalyze the synthesis of Poly(ethylene brassylate) (PEB)^[1].

REFERENCES

[1]. Fernandez J, et al. Effect of molecular weight on the physical properties of poly (ethylene brassylate) homopolymers[J]. journal of the mechanical behavior of biomedical materials, 2016, 64: 209-219.

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

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