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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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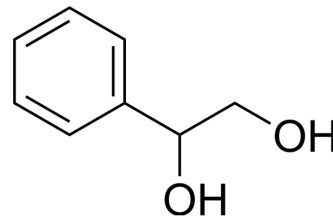
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1-Phenylethane-1,2-diol

Cat. No.:	HY-W015788		
CAS No.:	93-56-1		
Molecular Formula:	C ₈ H ₁₀ O ₂		
Molecular Weight:	138.16		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

1-Phenylethane-1,2-diol is a typical benzyl diol compound. 1-Phenylethane-1,2-diol can be oxidized to hydroxyl ketone (2-hydroxy-1-phenylethan-1-one) selectively with variety of catalysts, including organocatalysts, metal complexes, non-noble metal oxides, bimetallics^[1].

REFERENCES

[1]. Fangwei Zhang, et al. Oxidation of 1-Phenylethane-1,2-Diol to 2-Hydroxy-1-Phenylethan-1-One Catalyzed by Gold Nanocrystals. ChemistrySelect. Volume 3, Issue 48 p. 13638-13640

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

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