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Produktinformation

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- Diagnostik & molekulare Diagnostik
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- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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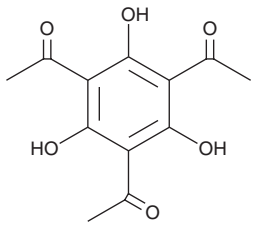
PRODUCT INFORMATION

Triacetylphloroglucinol

Item No. 27073

CAS Registry No.:	2161-87-7
Formal Name:	1,1',1''-(2,4,6-trihydroxy-1,3,5-benzenetriyl)*tris*-ethanone
Synonym:	2,4,6-Triacetylphloroglucinol
MF:	$C_{12}H_{12}O_6$
FW:	252.2
Purity:	≥95%
UV/Vis.:	λ_{max}: 273 nm
Supplied as:	A crystalline solid
Storage:	-20°C
Stability:	≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Triacetylphloroglucinol is supplied as a crystalline solid. A stock solution may be made by dissolving the triacetylphloroglucinol in the solvent of choice, which should be purged with an inert gas. Triacetylphloroglucinol is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide. The solubility of triacetylphloroglucinol in these solvents is approximately 30 mg/ml.

Description

Triacetylphloroglucinol is a C_3-symmetric tritopic bridging ligand.[1-3] It has been used in the synthesis of various compounds, including trinuclear vanadium Schiff base complexes, copper complexes, and anthelmintics.

References

1. Spielberg, E.T. and Plass, W. 2,4,6-Triacetylphlorogucinol as threefold symmetric bridging ligand: Synthesis, structure and magnetic properties of the copper complex. *Eur. J. Inorg. Chem.* **20**, 3093-3096 (2010).
2. Suresh, P., Srimurugan, S., Babu, B., *et al.* Asymmetric sulfoxidation of prochiral sulfides using aminoalcohol derived chiral C_3-symmetric trinuclear vanadium Schiff base complexes. *Tetrahedron: Asymmetry* **18(23)**, 2820-2827 (2007).
3. Bowden, K., Broadbent, J.L., and Ross, W.J. Some simple anthelmintics. *Br. J. Pharmacol. Chemother.* **24**, 714-724 (1965).

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