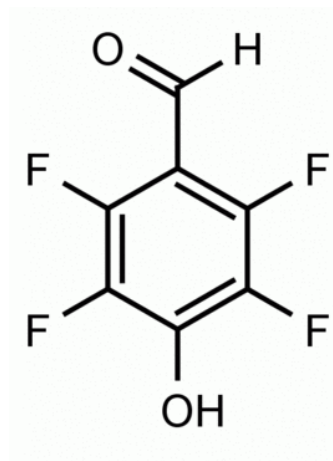


Product Name: 2,3,5,6-Tetrafluoro-4-hydroxybenzaldehyde

Catalog Number: T10946



Sizes Available: 1 g and larger sizes available

Molecular weight: 194.08 g/mol

Molecular Formula: C₇H₂F₄O₂

CAS Number: 24336-73-0

Storage: Store at 2-8 C°, under dry conditions.

Synonyms: 2,3,5,6-TETRAFLUORO-4-HYDROXYBENZALDEHYDE, 24336-73-0, SCHEMBL1998727

Uses: Synthetic building block, fluorinated benzaldehyde, reactive aldehyde

2,3,5,6-Tetrafluoro-4-hydroxybenzaldehyde, is a synthetic fine chemical solvent used in the synthesis of pharmaceuticals and fine organic chemicals.

Selected References:

Gopee, Hemant, Xiangfei Kong, Zhiqun He, Isabelle Chambrier, David L. Hughes, Graham J. Tizzard, Simon J. Coles, and Andrew N. Cammidge. Expanded Porphyrin-like Structures Based on Twinned Triphenylenes. *Journal of Organic Chemistry* 78, (2013): 9505–11.
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Gough, Neil, Jun Mo Gil, Wesley Thomas Walker, Nicholas Frederick Colaneri, and William A. Huffman. Light emitting polymer devices using self-assembled monolayer structures., issued November 2, 2006. WO2006116584A2

Saady, Abed, Pagidi Sudhakar, Molhm Nassir, and Aharon. Gedanken. Ultrasonic Assisted Synthesis of Styrylpyridinium Dyes: Optical Properties and DFT Calculations. *Ultrasonics Sonochemistry* 67, (2020): 105182. <https://doi.org/10.1016/j.ultsonch.2020.105182>.

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Vysochin, V. I., V. A. Barkhash, and N. N. Vorozhtsov. Reactions of Pentafluorobenzaldehyde. II. Synthesis of Derivatives of 2,3,5,6-Tetrafluorobenzaldehyde from Pentafluorobenzaldehyde. *Zhurnal Obshchei Khimii* 39, (1969): 1607–15.

Hazardous Properties and Cautions: The toxicological and pharmacological properties of this compound are not fully known. For further information see the MSDS on request. **2,3,5,6-Tetrafluoro-4-hydroxybenzaldehyde** is manufactured, shipped according to standard practices, and intended for research and development in a laboratory utilizing prudent procedures for handling chemicals of unknown toxicity, under the supervision of persons technically qualified to evaluate potential risks and authorized to enforce appropriate health and safety measures. As with all research chemicals, precautions should be taken to avoid unnecessary exposures or risks.

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