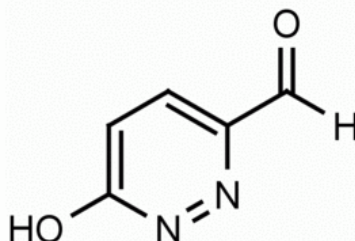


Product Name: 3-Formyl-6-hydroxypyridazine

Catalog Number: F11000



Sizes Available: 500 mg, 1 g, and larger sizes available

Molecular weight: 124.1 g/mol

Molecular Formula: C₆H₆N₂O₂

CAS Number: 933734-91-9

Storage: Store at 21 C°, under dry conditions.

Synonyms: 6-oxo-1,6-dihydropyridazine-3-carbaldehyde, OR2217, 6-Hydroxypyridazine-3-carboxaldehyde, 3-Formyl-6-hydroxypyridazine, 6-Formylpyridazin-3-ol, 6-hydroxypyridazine-3-carbaldehyde

Uses: Synthesis building block, Organic Synthesis,

3-Formyl-6-hydroxypyridazine is a synthetic fine chemical useful in the synthesis of pharmaceuticals and fine organic chemicals.

Selected references:

Cho, Su-Dong, Woo-Yong Choi, and Yong-Jin. Yoon. Concurrent Alkylation-Methoxylation of 4,5-Dihalopyridazin-6-Ones and Synthesis of 5-Halo-4-Hydroxypyridazin-6-Ones. *Journal of Heterocyclic Chemistry* 33, (1996): 1579–82. <https://doi.org/10.1002/jhet.5570330605>.

Elmegeed, Gamal A., Shaymaa M. M. Yahya, Mervat M. Abd-Elhalim, Mervat S. Mohamed, Rafat M. Mohareb, and Ghada H. Elsayed. Evaluation of Heterocyclic Steroids and Curcumin Derivatives as Anti-Breast Cancer Agents: Studying the Effect on Apoptosis in MCF-7 Breast Cancer Cells. *Steroids* 115, (2016): 80–89. <https://doi.org/10.1016/j.steroids.2016.08.014>.

Maes, Bert U. W., Katrien Monsieurs, Kristof T. J. Loones, Guy L. F. Lemièrre, Roger Dommissie, Peter Matyus, Zsuzsanna Riedl, and Gyorgy. Hajos. Synthesis of 4-Aryl-5-Hydroxy- and 5-Aryl-4-Hydroxypyridazin-3(2H)-Ones and Their Use in the Preparation of 4,5-Diarylpyridazin-3(2H)-Ones and Hitherto Unknown Isochromeno[3,4-d]Pyridazinediones. *Tetrahedron* 58, (2002): 9713–21. [https://doi.org/10.1016/S0040-4020\(02\)01285-1](https://doi.org/10.1016/S0040-4020(02)01285-1).

Reva, Igor, Bruno J. A. N. Almeida, Leszek Lapinski, and Rui. Fausto. UV-Induced Photoisomerization of Maleic Hydrazide. *Journal of Molecular Structure* 1025, (2012): 74–83. <https://doi.org/10.1016/j.molstruc.2011.11.051>.

Sagong, Hye Yeon, Joseph D. Bauman, Disha Patel, Kalyan Das, Eddy Arnold, and Edmond J. LaVoie. Phenyl Substituted 4-Hydroxypyridazin-3(2H)-Ones and 5-Hydroxypyrimidin-4(3H)-Ones: Inhibitors of Influenza A Endonuclease. *Journal of Medicinal Chemistry* 57, (2014): 8086–98. <https://doi.org/10.1021/jm500958x>.

Hazardous Properties and Cautions: The toxicological and pharmacological properties of this compound are not fully known. For further information see the MSDS on request. **3-Formyl-6-hydroxypyridazine** 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.

Warranty and Disclaimer: Frontier Scientific, Inc. warrants the product conforms to the specifications stated herein. In the event of nonconformity, Frontier will replace products or refund purchase price, at its sole option, and Frontier shall not be responsible for any other loss or damage, whether known or foreseeable to Frontier. No other warranties apply, express or implied, including but not limited to warranty of fitness for any purpose or implied warranty of merchantability. Purchaser is solely responsible for all consequences of its use of the product and Frontier assumes no responsibility therefore,) including success of purchaser's research and development, or health or safety of any uses of the product.