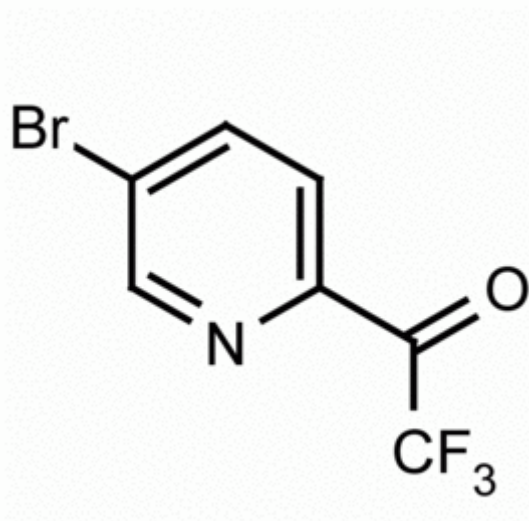


Product Name: 1-(5-Bromopyridin-2-yl)-2,2,2-trifluoroethanone

Catalog Number: B15248



Sizes Available: 1 g, 5 g, and larger sizes available

Molecular weight: 254.0 g/mol

Molecular Formula: C₇H₃BrF₃NO

CAS Number: 886364-50-7

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

Synonyms: 1-(5-bromopyridin-2-yl)-2,2,2-trifluoroethanone, 886364-50-7
1-(5-Bromo-pyridin-2-yl)-2,2,2-trifluoro-ethanone, SCHEMBL2148186

Uses: Synthesis building block, Organic Synthesis, pyridine nitrogen heterocycle, synthesis, carbonyl reactions, organofluorine

1-(5-Bromopyridin-2-yl)-2,2,2-trifluoroethanone, is a synthetic fine chemical useful in the synthesis of pharmaceuticals and fine organic chemicals.

Selected References:

Cheng, H.; Pei, Y.; Leng, F.; Li, J.; Liang, A.; Zou, D.; Wu, Y.; Wu, Y., [Highly efficient synthesis of aryl and heteroaryl trifluoromethyl ketones via o-iodoxybenzoic acid \(IBX\)](#). *Tetrahedron Lett.* **2013**, 54 (33), 4483-4486.

Curtis, M.; Duclos, B. A.; Ewin, R. A.; Johnson, P. D.; Johnson, T. A.; Vairagoundar, R.; Billen, D.; Goodwin, R. M.; Haber-Stuk, A. K.; Kyne, G. M.; Sheehan, S. M. K. [Preparation of heterocyclic phenicol antibacterials for treating infections in livestock](#). WO2013134061A1, 2013.

Siddiqui, M. A.; Nan, Y.; Patel, M. F.; Reddy, P. A. P.; Mansoor, U. F.; Meng, Z.; Vitharana, L. D.; Zhao, L.; Mandal, A. K.; Liu, D.; Tang, S.; McRiner, A.; Belanger, D. B.; Curran, P. J.; Dai, C.; Angeles, A. R.; Yang, L.; Daniels, M. H. [Preparation of pyrazolo\[1,5-a\]pyrimidine compounds as mTOR inhibitors](#). WO2011090935A1, 2011.

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Hazardous Properties and Cautions: The toxicological and pharmacological properties of this compound are not fully known. For further information see the MSDS on request. **1-(5-Bromopyridin-2-yl)-2,2,2-trifluoroethanone** 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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