

Resource Summary Report

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Frontier Scientific Chemical Supplier

RRID:SCR_000914

Type: Tool

Proper Citation

Frontier Scientific Chemical Supplier (RRID:SCR_000914)

Resource Information

URL: <http://www.frontiersci.com/>

Proper Citation: Frontier Scientific Chemical Supplier (RRID:SCR_000914)

Description: A commercial vendor of chemicals that provides custom synthesis of a wide variety of organic compounds. Frontier Scientific has capabilities for custom work in organoborons, organotins, porphyrins, silanes, halogenations, catalysts and cross couplings using Suzuki, Stille, and Kumada processes.

Resource Type: commercial organization

Keywords: organoborons, organotins, porphyrins, silanes, halogenations, catalysts, cross couplings, chemical, organic, compound, custom, synthesize

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Frontier Scientific Chemical Supplier

Resource ID: SCR_000914

Alternate IDs: nlx_157824, grid.504592.f

Alternate URLs: <https://ror.org/00d403277>

Old URLs: <http://frontiersci.com/>

Record Creation Time: 20220129T080204+0000

Record Last Update: 20260808T185720+0000

Ratings and Alerts

No rating or validation information has been found for Frontier Scientific Chemical Supplier.

No alerts have been found for Frontier Scientific Chemical Supplier.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Xie XB, et al. (2024) To activate NAD(P)H oxidase with a brief pulse of photodynamic action. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 38(23), e70246.

Chen-Roetling J, et al. (2018) Hemopexin increases the neurotoxicity of hemoglobin when haptoglobin is absent. Journal of neurochemistry, 145(6), 464.

Huang F, et al. (2016) Targeting BRCA1- and BRCA2-deficient cells with RAD52 small molecule inhibitors. Nucleic acids research, 44(9), 4189.

Inagaki N, et al. (2015) Phytochrome B Mediates the Regulation of Chlorophyll Biosynthesis through Transcriptional Regulation of ChlH and GUN4 in Rice Seedlings. PloS one, 10(8), e0135408.

Zhou K, et al. (2014) Effect of bile pigments on the compromised gut barrier function in a rat model of bile duct ligation. PloS one, 9(6), e98905.

Veiga AB, et al. (2014) Examination of the ligand-binding and enzymatic properties of a bilin-binding protein from the poisonous caterpillar Lonomia obliqua. PloS one, 9(6), e95424.

Ho CJ, et al. (2014) Multifunctional photosensitizer-based contrast agents for photoacoustic imaging. Scientific reports, 4, 5342.

Stiebler R, et al. (2014) Unsaturated glycerophospholipids mediate heme crystallization: biological implications for hemozoin formation in the kissing bug Rhodnius prolixus. PloS one, 9(2), e88976.

Yamamoto T, et al. (2014) Reduced methylation of PFKFB3 in cancer cells shunts glucose towards the pentose phosphate pathway. Nature communications, 5, 3480.

Williams PN, et al. (2014) Localized flux maxima of arsenic, lead, and iron around root apices in flooded lowland rice. Environmental science & technology, 48(15), 8498.

- Booy EP, et al. (2014) The RNA helicase RHAU (DHX36) suppresses expression of the transcription factor PITX1. *Nucleic acids research*, 42(5), 3346.
- Kim H, et al. (2013) ROS-responsive activatable photosensitizing agent for imaging and photodynamic therapy of activated macrophages. *Theranostics*, 4(1), 1.
- Mölzer C, et al. (2013) In vitro DNA-damaging effects of intestinal and related tetrapyrroles in human cancer cells. *Experimental cell research*, 319(4), 536.
- Gunay G, et al. (2013) A fast regularized least-squares method for retinal vascular oxygen tension estimation using a phosphorescence lifetime imaging model. *Biomedical engineering online*, 12, 106.
- González-Reyes S, et al. (2013) Curcumin pretreatment induces Nrf2 and an antioxidant response and prevents hemin-induced toxicity in primary cultures of cerebellar granule neurons of rats. *Oxidative medicine and cellular longevity*, 2013, 801418.
- Mohan S, et al. (2013) Contribution of PGE2 EP1 receptor in hemin-induced neurotoxicity. *Frontiers in molecular neuroscience*, 6, 31.
- Portilho FA, et al. (2013) Antitumor activity of photodynamic therapy performed with nanospheres containing zinc-phthalocyanine. *Journal of nanobiotechnology*, 11, 41.
- Kalachyova Y, et al. (2013) Surface morphology and optical properties of porphyrin/Au and Au/porphyrin/Au systems. *Nanoscale research letters*, 8(1), 547.
- Deng H, et al. (2012) Multiple tyrosine metabolites are GPR35 agonists. *Scientific reports*, 2, 373.
- Khan MN, et al. (2011) Factor inhibiting HIF (FIH-1) promotes renal cancer cell survival by protecting cells from HIF-1 α -mediated apoptosis. *British journal of cancer*, 104(7), 1151.