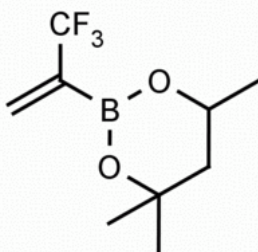


Product Name: 4,4,6-trimethyl-2-[1-(trifluoromethyl)vinyl]-1,3,2-dioxaborinane

Catalog Number: T2030



Sizes Available: 500 mg, 1 g, 5 g, 25 g and larger sizes available

Molecular weight: 222.01 g/mol

Molecular Formula: C₉H₁₄BF₃O₂

CAS Number: 1011460-68-6

Storage: Store under dry conditions.

Synonyms:

Organic Synthesis, Transition Metal Coupling, Organofluorine Chemistry

Background: Facile addition of t-butyl synthons and substituents to halogenated scaffolds.

References:

- 1) Barnes-Seeman, David et al, Metabolically Stable tert-Butyl Replacement, ACS Medicinal Chemistry Letters, 4(6), 514-516; 2013.
- 2) Preparation of benzothiophene sulfonamides and related compounds that interact with glucokinase regulatory protein, Ashton, Kate et al, PCT Int. Appl., 2013173382, 21 Nov 2013.
- 3) Preparation of 4-pyridinylcyclohexene-1-carboxamides as TRPV1 antagonists, Gomtsyan, Arthur R. et al, PCT Int. Appl., 2009055629, 30 Apr 2009
- 4) Preparation of carboxamide derivatives as antiviral compounds, Wang, Guangyi et al, PCT Int. Appl., 2015026792, 26 Feb 2015

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

4,4,6-trimethyl-2-[1-(trifluoromethyl)vinyl]-1,3,2-dioxaborinane

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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