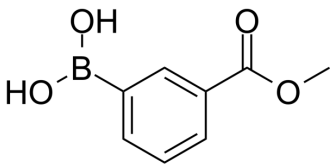
Methyl 3-boronobenzoate

Cat. No.:	HY-W004091
CAS No.:	99769-19-4
Molecular Formula:	$C_8H_9BO_4$
Molecular Weight:	179.97
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description	3-(Methoxycarbonyl)phenylboronic acid is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
In Vitro	Reagent used for tandem-type Pd(II)-catalyzed oxidative Heck reaction and intramolecular CH amidation sequence, copper-mediated ligandless aerobic fluoroalkylation of arylboronic acids with fluoroalkyl iodides, one-pot ipso-nitration of arylboronic acids, c Opper-catalyzed nitration, cyclocondensation followed by palladium-phosphine-catalyzed Suzuki-Miyaura coupling. Reagent used in Preparation of biaryls via nickel-catalyzed Suzuki-Miyaura cross-coupling reaction of aryl halides with arylboronic acid6, chromenones and their bradykinin B1 antagonistic act ive, Pt nanoparticles at Photoactive metal-Organic frameworks resulting in efficient hydrogen evolution via synergistic photoexcitation and electron injection, salicylate-based thienylbenzoic acids as E. coli methionine aminopeptidase inhibitor. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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