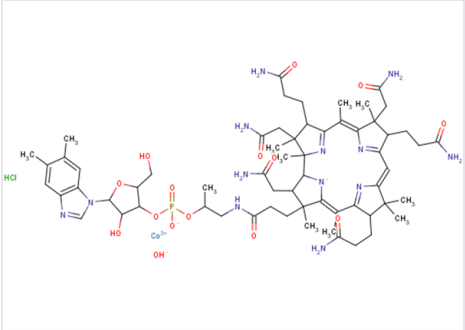
Hydroxocobalamin monohydrochloride Inhibitor

PRODUCT OVERVIEW

Product Name	Hydroxocobalamin monohydrochloride, Inhibitor
Full Product Name	Hydroxocobalamin monohydrochloride
Product Synonym Names	Vitamin B12a monohydrochloride
Form/Format	Solid. Powder
Purity/Purification	98.00%
Preparation and Storage	Store at -20 degree C for 3 years powder -80 degree C for 2 years in solvent
Molecular Weight	1382.82
Solubility	DMSO: 100mg/mL (72.32mM) Need ultrasonic H2O: 25mg/mL (18.08mM) Need ultrasonic (<1mg/ml refers to the product slightly soluble or insoluble)
Formula	C62H90ClCoN13O15P
SMILES	CC12[N]([Co+3]34([N]5=CN(C(OC(CO)C6OP7([O-])=O)C6O)C8=C5C=C(C)C(C)=C8)([OH-])[N-]9C2C(CC(N)=O)C(C)(CCC(NCC(C)O7)=O)C9=C(C)C(C(CCC(N)=O)C%10(C)C)=[N]3C%10=CC%11=[N]4C(C(CC(N)=O)(C)C%11CCC(N)=O)=C%
CAS Number	59461-30-2
Target & IC50	Others
Related Product Information for Hydroxocobalamin monohydrochloride, inhibitor	Hydroxocobalamin monohydrochloride is an injectable naturally occurring form of vitamin B12. It is used as a dietary supplement in the treatment,of v anemia.
Product References and Citations for Hydroxocobalamin monohydrochloride, inhibitor	Cheungpasitporn W, et al. High-dose hydroxocobalamin for vasoplegic syndrome causing false blood leak alarm. Clin Kidney J. 2017 Jun;10(3):357- Cheungpasitporn W, et al. High-dose hydroxocobalamin for vasoplegic syndrome causing false blood leak alarm. Clin Kidney J. 2017 Jun;10(3):357- Wang H, et al. Oral vitamin B12 versus intramuscular vitamin B12 for vitamin B12 deficiency. Cochrane Database Syst Rev. 2018 Mar 15;3:CD00465 Wang H, et al. Oral vitamin B12 versus intramuscular vitamin B12 for vitamin B12 deficiency. Cochrane Database Syst Rev. 2018 Mar 15;3:CD00465 Greenberg SS, et al. Hydroxocobalamin (vitamin B12a) prevents and reverses endotoxin-induced hypotension and mortality in rodents: role of nitric o Apr;273(1):257-65. Greenberg SS, et al. Hydroxocobalamin (vitamin B12a) prevents and reverses endotoxin-induced hypotension and mortality in rodents: role of nitric o Apr;273(1):257-65. Truong DH, et al. Prevention of hydrogen sulfide (H2S)-induced mouse lethality and cytotoxicity by hydroxocobalamin (vitamin B(12a)). Toxicology. 2 Truong DH, et al. Prevention of hydrogen sulfide (H2S)-induced mouse lethality and cytotoxicity by hydroxocobalamin (vitamin B(12a)). Toxicology. 2
Other Notes	Small volumes of Hydroxocobalamin monohydrochloride, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during sh centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and addition
Searchable Terms for Hydroxocobalamin monohydrochloride purchase	MBS5754325 is an inhibitor targeting Hydroxocobalamin monohydrochloride.



Structure of Hydroxocobalamin monohydrochloride, inhibitor

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/inhibitor/hydroxocobalamin-monohydrochloride/5754325