

Pyridine-3,4-diamine

Catalog No: tcsc2778



Available Sizes

Size: 100mg



Specifications

CAS No:

54-96-6

Formula:

$C_5H_7N_3$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 38 mg/mL (348.21 mM)

Alternative Names:

3,4-Diaminopyridine

Observed Molecular Weight:

109.13

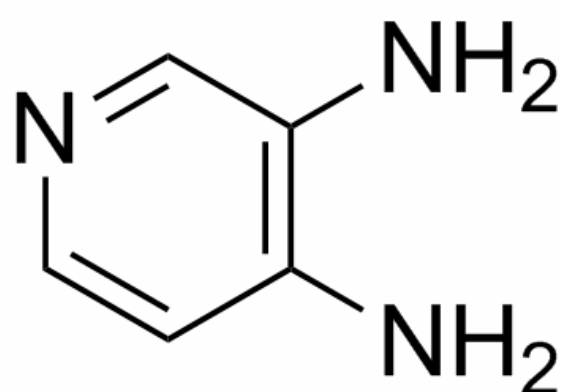
Product Description

Amifampridine is a drug, predominantly in the treatment of a number of rare muscle diseases.

Target: Others

Amifampridine is a drug, predominantly in the treatment of a number of rare muscle diseases. Amifampridine works by blocking

potassium channel efflux in nerve terminals so that action potential duration is increased. Ca²⁺ channels can then be open for a longer time and allow greater acetylcholine release to stimulate muscle at the end plate. A 2005 systematic review from the Cochrane Collaboration found some data favouring its use in LEMS. Amifampridine is also used to treat many of the congenital myasthenic syndromes, particularly those with defects in choline acetyltransferase, downstream kinase 7, and those where any kind of defect causes \"fast channel\" behaviour of the acetylcholine receptor. From Wikipedia.



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