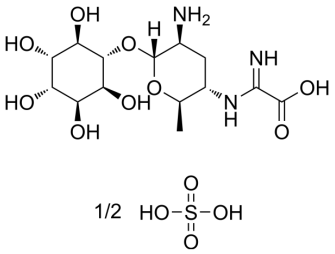
Kasugamycin sulfate

Cat. No.:	HY-B1864C
CAS No.:	78822-08-9
Molecular Formula:	$C_{14}H_{25}N_3O_9.1/2H_2O_4S$
Molecular Weight:	428.4
Target:	Antibiotic; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Kasugamycin (sulfate) is an aminoglycoside antibiotic that can be used to treat rice blast caused by fungi[1].

CUSTOMER VALIDATION

- Front Mol Biosci. 2021 Apr 7;8:640356.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Kasuga K, et al. Heterologous production of kasugamycin, an aminoglycoside antibiotic from Streptomyces kasugaensis, in Streptomyces lividans and Rhodococcus erythropolis L-88 by constitutive expression of the biosynthetic gene cluster. Appl Microbiol Biotechnol. 2017 May;101(10):4259-4268.

Caution: Product has not been fully validated for medical applications. For research use only.

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