Mycophenolate mofetil hydrochloride

Cat. No.: HY-B0199A

CAS No.: 116680-01-4

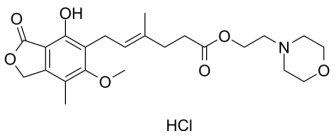
Molecular Formula: $C_{23}H_{32}ClNO_7$

Molecular Weight: 469.96

Target: Endogenous Metabolite; Bacterial

Pathway: Metabolic Enzyme/Protease; Anti-infection

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description Mycophenolate mofetil (RS 61443) hydrochloride is a immunosuppressant, a non-competitive, selective and reversible inhibitor of inosine monophosphate dehydrogenase (IMPD) type I/II with IC_{50}s of 39 nM and 27 nM, respectively.

CUSTOMER VALIDATION

- J Control Release. 2020 Dec 10;328:237-250.
- Hepatobiliary Surg Nutr. 2023 Feb 27.
- Biomed Pharmacother. 2019 Oct;118:109305.
- J Ethnopharmacol. 2021 Dec 14;114918.
- J Cell Mol Med. 2021 Apr;25(7):3511-3523.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Nakanishi, T., et al., Effect of the inosine 5'-monophosphate dehydrogenase inhibitor BMS-566419 on rat cardiac allograft rejection. Int Immunopharmacol, 2010. 10(1): p. 91-7.

[2]. Dehghani, F., et al., Inhibition of microglial and astrocytic inflammatory responses by the immunosuppressant mycophenolate mofetil. Neuropathol Appl Neurobiol, 2010. 36(7): p. 598-611.

[3]. Ozgen, M., et al., Mycophenolate mofetil and daclizumab targeting T lymphocytes in bleomycin-induced experimental scleroderma. Clin Exp Dermatol, 2012. 37(1): p. 48-54.

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA