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Product Datasheet

Favipiravir, CAS [[259793-96-9]] FBM-10-4471

Article Name	Favipiravir, CAS [[259793-96-9]]
Biozol Catalog Number	FBM-10-4471
Supplier Catalog Number	10-4471
Alternative Catalog Number	FBM-10-4471-50MG, FBM-10-4471-250MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Viral RNA-dependent RNA polymerase inhibitor...
Molecular Weight	157.10
Purity	>98% by HPLC NMR (conforms)
Form	Off-white solid
CAS Number	[259793-96-9]
Formula	C ₅ H ₄ FN ₃ O ₂
Application Notes	Favipiravir is an inhibitor of Influenza viruses A, B, and C (IC ₅₀ s: A = 0.03-0.20 µg/mL H1N1, 0.01-0.30 H2N2, 0.08-0.48 H3N2, 0.14-0.15 H4N2, 0.24-1.60 H7N2, 0.20-0.82 H5N1, 0.35 H1N2, B = 0.04-0.09 µg/mL, C = 0.03-0.06 µg/mL) as well as strains resistant to adamantane-type antivirals, oseltamivir, and zanamivir. ^{1,2,3} It displayed no cytotoxicity in a variety of cells. Favipiravir selectively inhibits viral RNA-dependent RNA polymerase. ⁴ Favipiravir has also shown activity against other viruses including arena, phlebo, hanta, flavi, entero, alpha, respiratory syncytial, and noroviruses. ⁵ In clinical trials for treatment of SARS-CoV-2. ^{6,7}