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CERTIFICATE OF ANALYSIS

Best price Oseltamivir Phosphate CAS 204255-11-8

Oseltamivir is an drug,a neuramini-dase inhi-bi-tor used in the treatment and prophylaxis of both influenza A and influenza B.

Oseltamivir is a prodrug (usually administered as phosphate),Oseltamivir phosphate is hydrolysed hepatically to the active metabolite, the free carboxylate of oseltamivir (GS4071).

Like zanamivir,oseltamivir acts as a transition-state analogue inhibitor of influenza neuraminidase.

Oseltamivir phosphate is an ethyl ester prodrug requiring ester hydrolysis for conversion to the active form, oseltamivir

carboxylate. The proposed mechanism of action of oseltamivir is inhibition of influenza virus neuraminidase with the possibility of alteration of virus particle aggregation and release.

Specification

Appearance	White cyrstalline solid
Molecular Weight	410.4
Density	1.08g/cm ³
Boiling Point	473.3 °C at 760 mmHg
Flash Point	240 °C
Solubility	In water, 1.6X10+3 mg/L at 25 deg C (est)
Usage	An antiviral drug