Entecavir
PRODUCT DATA SHEET

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Product Name:	Entecavir
Product Number:	E030
CAS Number:	209216-23-9
Molecular Formula:	$C_{12}H_{15}N_5O_3$
Molecular Weight:	277.28
Form:	Powder
Appearance:	White or almost white powder
Water Content (Karl Fischer):	5.5 - 7.0%
Optical Rotation:	+24° - +28°
Storage Conditions:	-20°C
Description:	Entecavir is a deoxyguanosine analog antiviral drug and is commonly used to treat hepatitis B (HBV) infections.
Mechanism of Action:	Entecavir inhibits DNA synthesis by targeting HBV reverse transcriptase.
References:	Menéndez-Arias, Luis, Mar Álvarez, and Beatriz Pacheco. "Nucleoside/nucleotide Analog Inhibitors of Hepatitis B Virus Polymerase: Mechanism of Action and Resistance." Current Opinion in Virology 8 (2014): 1-9. Web.