



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-220194
Lot Number: SAMPLE
Product Name: TCEP-d12 Hydrochloride
CAS Number: 1189959-10-1
Molecular Formula: $C_9H_4D_{12}ClO_6P$
Molecular Weight: 298.72

Test	Result
Appearance	White solid
Identification (1H-NMR)	Complies
Identification (31P-NMR)	Complies
Identification (Mass Spectrometry)	Complies
Isotopic Purity	98.2 %
Purity (TLC)	98 %
Atmosphere	Inert gas
Melting Point	169 - 172 °C
Solubility	Methanol (Slightly), Water (Slightly)
Chloride	11.93 % by Ion Chromatography

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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