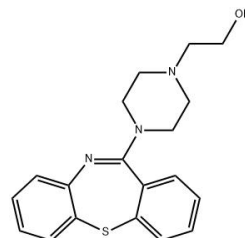


Technical Data Sheet

Quetiapine Hydroxy Impurity

Compound Information

Product Name:	Quetiapine Hydroxy Impurity
CAS No.:	329216-67-3
Molecular Formula:	C ₁₉ H ₂₁ N ₃ O ₂
Molecular Weight:	339.45
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Native Source	Synthetic
Appearance	White Solid
Isotopic Purity	99.2%
Purity (HPLC)	99.02%
Atmosphere	Inert Gas
Elemental Analysis	(Found) %C: 51.84, %H: 5.55, %N: 9.24; (Calculated) %C: 54.28, %H: 5.54, %N: 9.99
Melting Point	>50°C (dec.)
Solubility	Chloroform (Slightly), DMSO (Slightly), Ethanol (Slightly), Methanol (Slightly)
Chloride	17.62% by Ion Chromatography
Ethanol	1.0%
1H NMR	Pass test

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