Inhibitors

Certificate of Analysis

Otaplimastat

Cat. No.: HY-109097 CAS No.: 1176758-04-5 Batch No.: 212664

Chemical Name: Acetamide, N-[3-(1,4-dihydro-2,4-dioxo-3(2H)-quinazolinyl)propyl]-N-[4-[[3-(1,4-dihydro-2,4-dioxo-3(H)-quinazolinyl)propyl]-N-[4-[[3-(1,4-dihydro-2,4-dioxo-3(H)-quinazolinyl)propyl]-N-[4-[[3-(1,4-dihydro-2,4-dioxo-3(H)-quinazolinyl)propyl]-N-[4-[[3-(1,4-dihydro-2,4-dioxo-3(H)-quinazolinyl]propyl]-N-[4-[[3-(1,4-dihydro-2,4-dioxo-3(H)-quinazolinyl]propyl]-N-[4-[[3-(1,4-dihydro-2,4-dioxo-3(H)-quinazolinyl]propyl]-N-[4-[[3-(1,4-dihydro-2,4-dioxo-3(H)-quinazolinyl]propyl]-N-[4-[[3-(1,4-dihydro-2,4-dioxo-3(H)-quinazolinyl]propyl]-N-[4-[[3-(1,4-dihydro-2,4-dioxo-3(H)-quinazolinyl]propyl]-N-[4-[[3-(1,4-dihydro-2,4-dioxo-3(H)-quinazolinyl]propyl]-N-[4-[[3-(1,4-dihydro-2,4-dioxo-3(H)-quinazolinyl]propyl]-N-[4-[[3-(1,4-dihydro-2,4-dioxo-2,4-dioxo-2,4-dioxo-2,4-dioxo-2,4-dioxo-2,4-dioxo-2,4-dioxo-2,4-dioxo-2,4-dioxo-2,4-dioxo-2,4-dioxo-2,4-dioxo-2,4-dioxo-2,4-dioxo-

xo-3(2H)-quinazolinyl)propyl]amino]butyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{28}H_{34}N_6O_5$ **Molecular Weight:** 534.61

Storage: Powder 3 years -20°C

> 4°C 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Off-white to light yellow (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 98.41%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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