Certificate of Analysis

Imrecoxib

Cat. No.: HY-114200

CAS No.: 395683-14-4

Batch No.: 117011

Chemical Name: 2H-Pyrrol-2-one, 1,5-dihydro-3-(4-methylphenyl)-4-[4-(methylsulfonyl)phenyl]-1-propyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{23}NO_3S$ Molecular Weight: 369.48

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.64%

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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