## **Certificate of Analysis**

## **Desmethyl Celecoxib**

Cat. No.: HY-118139
CAS No.: 170569-87-6
Batch No.: 239047

Chemical Name: Benzenesulfonamide, 4-[5-phenyl-3-(trifluoromethyl)-1H-pyrazol-1-yl]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>16</sub>H<sub>12</sub>F<sub>3</sub>N<sub>3</sub>O<sub>2</sub>S

Molecular Weight: 367.35

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)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.42%

**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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