Certificate of Analysis

TMB (monosulfate)

 Cat. No.:
 HY-15930C

 CAS No.:
 54827-18-8

 Batch No.:
 23648

Chemical Name: [1,1'-Biphenyl]-4,4'-diamine, 3,3',5,5'-tetramethyl-, sulfate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{16}H_{22}N_2O_4S$ Molecular Weight: 338.42

Storage: 4°C, sealed storage, away from moisture and light

 * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

Chemical Structure:

$$H_2N$$
 O
 $HO-S-OH$
 O

ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.99%

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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