

Certificate of Analysis

U0126

Cat. No.: HY-12031A CAS No.: 109511-58-2 Batch No.: 384747

Chemical Name: Butanedinitrile, 2,3-bis[amino[(2-aminophenyl)thio]methylene]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{16}N_6S_2$ 380.49 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years $4^{\circ}C$

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

$$\begin{array}{c|c} NH_2 & NH_2 \\ NH_2 & NH_2 \\ NH_2 & NH_2 \end{array}$$

ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 98.45%

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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