Certificate of Analysis

RGB-1

Cat. No.: HY-156228 CAS No.: 930455-91-7 Batch No.: 316028

Chemical Name: Dithieno[2,3-d:2',3'-d']pyrazino[1,2-a:4,5-a']dipyrimidine-4,11(6H,13H)-dione, 3,10-di-2-furanyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{22}H_{12}N_4O_4S_2$

460.49 Molecular Weight:

Storage: Powder -20°C 3 years

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

In solvent -80°C 6 months

> 1 month -20°C

Chemical Structure:

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (HPLC): 98.07%

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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