

Screening Libraries

Proteins

Certificate of Analysis

Xanthine amine congener (hydrochloride)

Cat. No.: HY-101139A CAS No.: 1783977-95-6 Batch No.: 155098

Chemical Name: Acetamide, N-(2-aminoethyl)-2-[4-(2,3,6,9-tetrahydro-2,6-dioxo-1,3-dipropyl-1H-purin-8-yl)phen

oxy]-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{29}CIN_6O_4$

Molecular Weight: 464.95

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

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

Chemical Structure:

ANALYTICAL DATA

Off-white to light yellow (Solid) Appearance:

¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 98.14%

The product has been tested and complies with the given specifications. Conclusion:

Caution: Product has not been fully validated for medical applications. For research use only.

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