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**Product Data Sheet**

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Product Name: L Moses dihydrochloride

Cat. No.: GC50395

**Chemical Properties**

Cas. No.

SMILES C[C@@H]([C@H](C1=CC=CC=C1)N(C)C)NC2=NN3C(C)=NN=C3C4=CC=CC=C24Formula  $C_{21}H_{24}N_6 \cdot 2HCl$  M.Wt 433.38

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

High affinity and selective cell-permeable p300/CBP-associated factor (PCAF) inhibitor (K<sub>i</sub> = 47 nM). Exhibits no significant activity against a panel of 48 other bromodomains except GCN5 (K<sub>d</sub> = 600 nM). Exhibits >4500-fold selectivity for PCAF over BRD4. Also exhibits metabolic stability in mouse and human liver microsomes and no observable cytotoxicity in peripheral blood mononuclear cells (PBMC).

Moustakim et al (2017) Discovery of a PCAF bromodomain chemical probe. *Angew.Chem.Int.Ed.* 56 827 PMID:27966810

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

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