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**Product Data Sheet**

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Product Name: BAZ1A-IN-1

Cat. No.: GC63694

**Chemical Properties**

Cas. No. 941521-45-5

Formula C<sub>16</sub>H<sub>12</sub>N<sub>4</sub>O<sub>3</sub>S

M.Wt 340.36

Solubility DMSO : 83.33 mg/mL (244.83 mM; Need ultrasonic) 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**

BAZ1A-IN-1 is a potent inhibitor of BAZ1A (bromodomain-containing protein), exerting a K<sub>d</sub> value of 0.52 μM against BAZ1A bromodomain, shows good anti-viability activity against cancer cell lines expressing a high level of BAZ1A, but weak or no activity against cancer cells with a low expression level of BAZ1A.

[1] Yang Z, et al. Bioorg Med Chem Lett. 2021 Feb 1;33:127745.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA