
Product Data Sheet

Product Name: LC3-mHTT-IN-AN2

Cat. No.: GC39313

Chemical Properties

Cas. No. 7758-73-8

SMILES OC1=C2C(OC(C=C2C3=CC=CC=C3)=O)=CC(O)=C1Formula C₁₅H₁₀O₄ M.Wt 254.24

Solubility DMSO: 250 mg/mL (983.32 mM) 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**

LC3-mHTT-IN-AN2 (Compound AN2) is a mHTT-LC3 linker compound, which interacts with both mutant huntingtin protein (mHTT) and LC3B but not with wtHTT or irrelevant control proteins. LC3-mHTT-IN-AN2 reduces the levels of mHTT in an allele-selective manner in cultured Huntington disease (HD) mouse neurons[1].

[1]. Li Z, et al. Allele-selective lowering of mutant HTT protein by HTT-LC3 linker compounds. Nature. 2019 Oct 30.

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
