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## Product Data Sheet

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Product Name: EMT inhibitor-2

Cat. No.: GC35981

### Chemical Properties

Cas. No. 2232228-60-1

SMILES COC1=C(O)C2=C(OC(C3=CC=C(OC)C(OC)=C3)=CC2=O)C=C1OCCN(C4)CCNC4=O

Formula  $C_{24}H_{26}N_2O_8$  M.Wt 470.47

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 Condition , or blue ice upon request.

Structure

### Background

EMT inhibitor-2 (Compound 1) inhibits epithelial-mesenchymal transition (EMT) induced by substances such as IL-1 $\beta$  and TGF- $\beta$  released from the immunocytes. EMT inhibitor-2 inhibits CYP3A4 testosterone and CYP2C9 with IC50s of 49.72 and 5.54  $\mu$ M, respectively[1].

[1]. Youn, Byung Soo, et al. Substituted chromenes for treatment of fibrosis or non-alcoholic steatohepatitis. US10370364.

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

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