
Product Data Sheet

Product Name: DiMNF
Cat. No.: GC12022

Chemical Properties

Cas. No. 14756-24-2

Chemical Name 2-(3,4-dimethoxyphenyl)benzo[h]chromen-4-one

SMILES COC1=C(C=C(C=C1)C2=CC(=O)C3=C(O2)C4=CC=CC=C4C=C3)OC

Formula $C_{21}H_{16}O_4$ M.Wt 332.35

Solubility <1.66mg/ml 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

Selective aryl hydrocarbon receptor (AHR) modulator (SAhRM). Suppresses expression of CD55 and CD46 induced by IL-1 β in an inflammatory tumor cell microenvironment; exhibits no effect on basal CD55 or CD46 expression.

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

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