

Product Data Sheet

Product Name: AMX-883

Cat. No.: GC80933

Chemical Properties

Cas. No. 3102636-19-8

Formula C₄₅H₅₈FN₅O₅

M.Wt 767.97

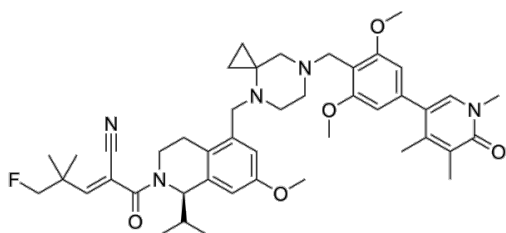
Solubility

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

AMX-883 is a selective and orally active BRD9 molecular glue degrader that drives differentiation in acute myeloid leukaemia. AMX-883 shows selectivity over all other bromodomain containing proteins and proteome wide. AMX-883 does not employ the commonly used E3 ligases (cereblon, VHL) but instead drives degradation via DCAF16 as a targeted glue. AMX-883 can be used for the study of acute myeloid leukaemia (AML) [1].

In Vivo, AMX-883 (14 days) induced dose-dependent degradation of BRD9 in a luciferase-labeled MV4-11 dissemination model, accompanied by time-dependent induction of CD11b and CD86.

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

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Measurements of total disease burden in animals showed a significant reduction in tumor burden in the AMX-883-treated groups compared to the vector control group^[1].

In Vitro, Combination of AMX-883 with Venetoclax resulted in synergistic efficacy in MV4-11 and MOLM-13 cell lines^[1].

References:

[1]. Martin O'Rourke, et al. Amx-883, a potent and selective degrader of BRD9 drives differentiation in acute myeloid leukaemia and shows synergistic efficacy in combination with venetoclax In Vivo and prevents the emergence of resistance to venetoclax in vitro. Blood (2025) 146 (Supplement 1): 1489.

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