

AM-8123 Biochemical

AM-8123

CATALOG #
AAA228052

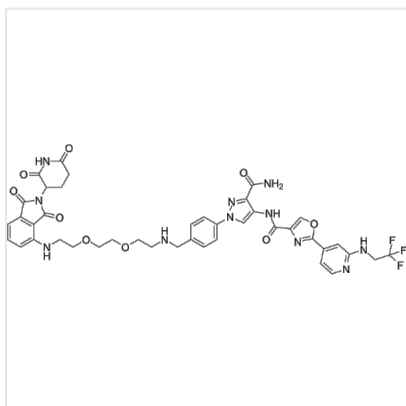
PRODUCT SYNONYMS

AM-8123; AM-8123 biochemical

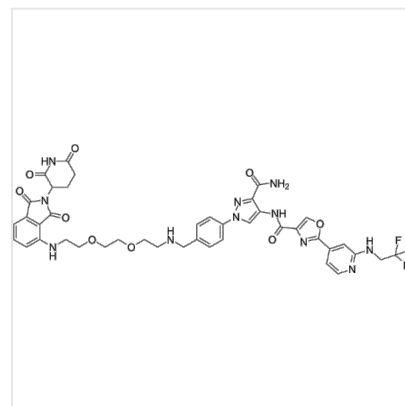
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2049973-02-4
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	AM-8123 (100 mg/kg; p.o.) results in sustained improvement in systolic function and decreases both EDV and ESV as measured by echocardiography but not by the invasive pressure-volume conductance catheter at study termination[1]. AM-8123 (0.035, 0.09, 0.9, and 9 mg/kg; i.v.) improves cardiovascular function[1]. AM-8123 exhibits appreciably greater oral bioavailability in rats and dogs relative to pyr-apelin-13. AM-8123 infusion results in an increase in EF, SV, and dP/dt max at submicromolar unbound plasma concentrations with minimal change in HR, indicating that acute infusion of AM-8123 is associated with an improvement in several markers of cardiac function. AM-8123 is a more potent mediator of both ERK and AKT phosphorylation relative to pyr-apelin-13[1]. Animal Model: Lewis rats (2~3 months old)[1]. Dosage: 100 mg/kg. Administration: P.o. Result: Resulted in sustained improvement in systolic function. Decreased both EDV and ESV as measured by echocardiography but not by the invasive pressure-volume conductance catheter at study termination. Animal Model: Rats[1]. Dosage: 0.035, 0.09, 0.9, and 9 mg/kg. Administration: I.v. Result: Improved cardiovascular function.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
PROTAC IRAK4 degrader-5, CAS 2360530-61-4



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ADDITIONAL INFORMATION

Related Product Information for AM-8123 biochemical

AM-8123 is an orally active and potent APJ agonist. AM-8123 inhibits Forskolin-stimulated cAMP production and promotes Galpha protein activation. AM-8123 can be used for the research of cardiovascular disease.

References

1. Mainolfi N, et, al. Irak degraders and uses thereof. US20190192668A1.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/am-8123/228052>