

PRODUCT:

ALTERNATE NAME:

FG-4592

N-[(4-hydroxy-1-methyl-7-phenoxy-3-isoquinoliny)carbonyl]-glycine; ASP1517; Roxadustat

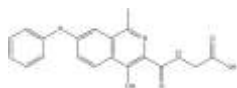
CATALOG #:

9681-5, 25

AMOUNT:

5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA:

C₁₉H₁₆N₂O₅

MOLECULAR WEIGHT:

352.4

CAS NUMBER:

808118-40-3

APPEARANCE:

White to off-white solid

SOLUBILITY:

DMSO (>30 mg/ml)

PURITY:

≥98% by HPLC

STORAGE:

Store at -20°C. Protect from air and moisture

DESCRIPTION:

FG-4592 is an inhibitor of hypoxia inducible factor (HIF) prolyl hydroxylase, potentially useful for the treatment of anemia. FG-4592 stabilizes the activities of HIF, a cytosolic transcription factor, leading to activation of the genes associated with erythropoiesis, including erythropoietin and enzymes involved in iron metabolism.

REFERENCES:

Gonzalez, R.L. Jr., *et al.* (2007). *RNA* **13**, 2091-2097.**RELATED PRODUCTS:**BAY 85-3934 (**9597**)DMOG (**2216**)IOX2 (**9451**)

HANDLING:

Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

USAGE:

FOR RESEARCH CH USE ONLY! Not to be used in humans