

## GSK-J4 hydrochloride

Cat. No. CEI-0547

Lot. No. (See product label)

### Introduction

**Description** Cell-permeable. An ethyl ester derivative of the JMJD3 selective histone demethylase inhibitor GSK-J1 (IC<sub>50</sub> > 50 µM in vitro. When administered to human primary macrophages, GSK-J4 can reduce lipopolysaccharide (LPS)-induced proinflammatory cytokine production, most notably including that of TNFα (IC<sub>50</sub> = 9 µM).

### Product Information

**Appearance** Liquid

**CAS No.** 1797983-09-5

**Molecular Formula** C<sub>24</sub>H<sub>27</sub>N<sub>5</sub>O<sub>2</sub> · HCL

**Chemical Name** Ethyl 3-((6-(4,5-dihydro-1H-benzo[d]azepin-3(2H)-yl)-2--(pyridin-2-yl)pyrimidin-4-yl)amino)propanoate, monohydrochloride

**Molecular Weight** 540.54

**Purity** >95% by HPLC

**Targets** KDM6B

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack