

Balsalazide

Catalog No: tcsc2899



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

80573-04-2

Formula:

$C_{17}H_{15}N_3O_6$

Pathway:

Immunology/Inflammation;JAK/STAT Signaling;Stem Cell/Wnt

Target:

Interleukin Related;STAT;STAT

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 41 mg/mL (114.74 mM)

Observed Molecular Weight:

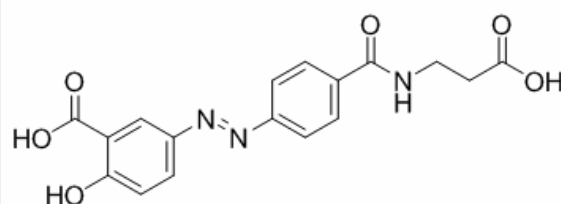
357.32

Product Description

Balsalazide could suppress colitis-associated carcinogenesis through modulation of **IL-6/STAT3** pathway.

In Vivo: At the endpoint, the protein production of MIP-1 β , MCP-1, IL-6, and IL-10 in the colon tissues decrease in concordance with

the plasma concentrations of the cytokines. The drug-treated groups reveal lower expression of p-STAT3 compared to the CAC group. In addition, BCL2 decreases and BAX increases markedly in the BSZ+VSL#3 group^[1]. Balsalazide is a new 5-aminosalicylic acid (5-ASA) containing prodrug^[2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!