

Saccharin 1-methylimidazole

Catalog No: tcsc0043223



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

482333-74-4

Formula:

$C_{11}H_{11}N_3O_3S$

Pathway:

Cell Cycle/DNA Damage

Target:

DNA/RNA Synthesis

Purity / Grade:

>98%

Solubility:

DMSO : 6 mg/mL (22.62 mM; Need ultrasonic and warming)

Observed Molecular Weight:

265.29

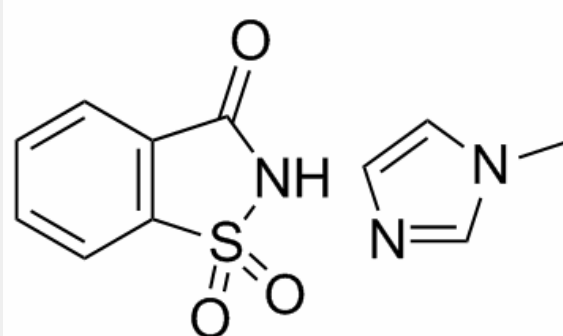
Product Description

Saccharin 1-methylimidazole is an activator for **DNA/RNA Synthesis**.

IC50 & Target: Target: DNA/RNA Synthesis^[1]

In Vitro:

Exposure to certain concentrations of the entirely different promoters phenobarbital and the calcium and sodium salts of saccharin (22, 23, 25, 29, 38) stimulates calcium-deprived T51B cells to initiate DNA synthesis as rapidly and as effectively, or nearly as effectively, as raising the extracellular calcium concentration to 1.25 mM^[1].



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