

CTS-1027

Cat. No. CEI-1296

Lot. No. (See product label)

Introduction

Description

CTS-1027 is an orally bioavailable and small-molecule inhibitor of matrix metalloproteinases (MMPs) with IC₅₀ values of 0.4 nM, 0.6 nM and 800 nM for MMP-2, MMP-13 and MMP-1, respectively.

Synonyms

RS 130830; Ro 1130830; CTS1027; CTS 1027; RS130830; Ro1130830; RS-130830; Ro-1130830

Product Information

CAS No. 193022-04-7

Molecular Formula C₁₉H₂₀ClNO₆S

Chemical Name 4-[[4-(4-chlorophenoxy)phenyl]sulfonylmethyl]-N-hydroxyoxane-4-carboxamide

Molecular Weight 425.88

Purity 98.00%

Targets MMPs

IC₅₀ 0.4 nM; 0.6 nM; 800 nM

Solubility Soluble in DMSO

Storage and Shipping Information

Storage Store at -20°C

Shipping Conditions Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request