

Product Name : AZD5718

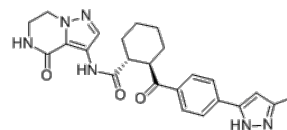
Synonyms : AZD-5718;AZD 5718

Cat No. : M13174

CAS Number : 2041075-86-7

Molecular Formula : C₂₄H₂₆N₆O₃

Formula Weight : 446.51



Chemical Name : (1R,2R)-2-[4-(3-Methyl-1H-pyrazol-5-yl)benzoyl]-N-(4-oxo-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrazin-3-yl)cyclohexanecarboxamide

Description : AZD5718 (AZD-5718, AZD 5718) is a novel potent 5-lipoxygenase activating protein (FLAP) inhibitor with binding IC₅₀ of 6.3 nM; exhibits LTB₄ inhibition in human whole blood assays with IC₅₀ of 39 nM; reduce the production of pro-inflammatory and vasoactive leukotrienes both in vitro and in vivo.

Pathway : Immunology/Inflammation

Target : FLAP

Receptor : FLAP

Solubility : —

SMILES : —

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Ericsson H, et al. Clin Transl Sci. 2018 May;11(3):330-338. | 2. Pettersen D, et al. J Med Chem. 2019 Mar 14. doi: 10.1021/acs.jmedchem.8b02004.