ATB 346

Product ID  A7604
CAS No.  1226895-20-0

Chemical Name

Synonym  ATB-346

Formula  C<sub>21</sub>H<sub>19</sub>NO<sub>3</sub>S
Formula Wt.  365.45

Melting Point

Purity  ≥ 99%
Solubility  DMSO: ≥ 52 mg/mL

Store Temp  -20°C
Ship Temp  Ambient

Description  ATB346 is a hydrogen sulfide-releasing non-steroidal anti-inflammatory drug (NSAID) that inhibits COX and suppresses prostaglandin production. ATB346 exhibits anti-inflammatory, analgesic, antinociceptive, immunomodulatory, and neuroprotective activities. In vivo, this compound attenuates zymosan-induced inflammation, nociception, and immune signaling. ATB346 also prevents ligation-induced periodontal bone loss and pathologies, potentially by suppressing increases in pro-inflammatory cytokine levels. Additionally, ATB346 decreases edema and improves neurological function in animal models of traumatic brain injury (TBI). ATB346 is a hydrogen sulfide releasing derivative of naproxen.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.