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产品名称: (2-氨基-3-(4-溴苯甲酰)苯基)乙酸钠

产品别名: 溴芬酸钠水合物; **Bromfenac sodium hydrate; Bromfenac monosodium salt sesquihydrate**

| 生物活性:                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                       |                                           |           |            |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------|------------|------------|
| Description                                                                                                                                                               | Bromfenac (sodium hydrate) is a nonsteroidal anti-inflammatory drug (NSAID), which has anti-inflammatory activity (1) Bromfenac (sodium hydrate) (1 mg/kg, i.v.) is metabolited into an unusual conjugate, bromfenac N-glucoside, in rats bile (2) Bromfenac (sodium hydrate) permeation was found to be 1.62-fold higher through ChS-CS-NPs                          |                                           |           |            |            |
| Solvent&Solubility                                                                                                                                                        | <b>In Vitro:</b><br><b>DMSO : ≥ 36 mg/mL (93.95 mM)</b><br><br>* "≥" means soluble, but saturation unknown.                                                                                                                                                                                                                                                           |                                           |           |            |            |
|                                                                                                                                                                           | <div>Preparing<br/><br/>Stock Solutions</div>                                                                                                                                                                                                                                                                                                                         | <div>Solvent / Mass / Concentration</div> | 1 mg      | 5 mg       | 10 mg      |
|                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                       | 1 mM                                      | 2.6098 mL | 13.0490 mL | 26.0981 mL |
|                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                       | 5 mM                                      | 0.5220 mL | 2.6098 mL  | 5.2196 mL  |
|                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                       | 10 mM                                     | 0.2610 mL | 1.3049 mL  | 2.6098 mL  |
| <div>*请根据产品在不同溶剂中的溶解度选择合适的溶剂配制储备液; 一旦配成溶液, 请分装保存, 避免反复冻融造成的产品失效。</div> <div>储备液的保存方式和期限: -80℃, 6 months; -20℃, 1 month。 -80℃ 储存时, 请在 6 个月内使用, -20℃ 储存时, 请在 1 个月内使用。</div> |                                                                                                                                                                                                                                                                                                                                                                       |                                           |           |            |            |
| References                                                                                                                                                                | <div>[1]. Kirkman SK et al. Isolation and identification of bromfenac glucoside from rat bile. Drug Metab Dispos. 1998 Jul;26(7):720-3.</div> <div>[2]. Abdullah TA et al. Chondroitin sulfate-chitosan nanoparticles for ocular delivery of bromfenac sodium: Improved permeation, retention, and penetration. Int J Pharm Investig. 2016 Apr-Jun;6(2):96-105.</div> |                                           |           |            |            |