

Product Data Sheet

Product Name: Bufexamac

Cat. No.: GC15410

Chemical Properties

Cas. No. 2438-72-4

Chemical Name 2-(4-butoxyphenyl)-N-hydroxyacetamide

SMILES CCCCOC1=CC=C(C=C1)CC(=O)NO

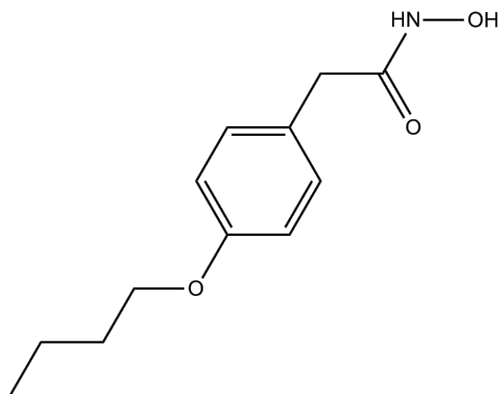
Formula $C_{12}H_{17}NO_3$ M.Wt 223.27

Solubility $\geq 11.2\text{mg/mL}$ in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

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

Structure



Background

Bufexamac is a class IIB histone deacetylases (HDAC6 and HDAC10) inhibitor used as an anti-inflammatory agent.

References:

[1]. Bantscheff, M., et al., Chemoproteomics profiling of HDAC inhibitors reveals selective targeting of

Caution: Product has not been fully validated for medical applications. For research use only.

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HDAC complexes. Nat Biotechnol, 2011. 29(3): p. 255-65.

[2]. Kranke, B., et al., Epidemiological significance of bufexamac as a frequent and relevant contact sensitizer. Contact Dermatitis, 1997. 36(4): p. 212-5.

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