

Title (en)
HISTONE DEACETYLASE INHIBITORS

Title (de)
HISTONDEACETYLASEINHIBITOREN

Title (fr)
INHIBITEURS DE L'HISTONE DEACETYLASE

Publication
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Application
EP 02719311 A 20020325

Priority

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- US 81294501 A 20010327
- US 2594701 A 20011226

Abstract (en)
[origin: WO02076941A2] Histone deacetylase is a metallo-enzyme with zinc at the active site. Compounds having a zinc-binding moiety, such as, for example, a hydroxamic acid group or a carboxylic acid group, can inhibit histone deacetylase. Histone deacetylase inhibition can repress gene expression, including expression of genes related to tumor suppression. Accordingly, inhibition of histone deacetylase can provide an alternate route for treating cancer, hematological disorders, e.g., hemoglobinopathies, and genetic related metabolic disorders, e.g., cystic fibrosis and adrenoleukodystrophy.

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A61K 31/19; **C07C 261/00**; **C07C 69/76**; **C07C 269/00**; **C07C 259/04**

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Citation (search report)

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