

(19) AUSTRALIAN PATENT OFFICE

(54) Title
Phosphorus derivatives as histone deacetylase inhibitors

(51)⁶ International Patent Classification(s)
 A61K 31/66 (2006.01)31/675
 A61K 31/662 20060101ALI2008012
 (2006.01) 4BHUS C07F
 A61K 31/675 9/32
 (2006.01) 20060101ALI2008040
 C07F 9/32 (2006.01) 3BHUS C07F
 C07F 9/40 (2006.01) 9/40
 C07F 9/547 (2006.01) 20060101ALI2008040
 C07F 9/547 (2006.01) 3BHUS C07F
 (2006.01) 9/547
 A61K 31/66 20060101ALI2008040
 20060101AFI2008040 3BHUS C07F
 3BHUS A61K 9/6564
 31/662 20060101ALI2008040
 20060101ALI2008040 3BHUS
 3BHUS A61K PCT/US2007/016123

(21) Application No: 2007275743

(22) Application Date: 2007.07.16

(87) WIPO No: WO08/010985

(30) Priority Data

(31) Number	(32) Date	(33) Country
60/832,014	2006.07.20	US
60/920,541	2007.03.28	US

(43) Publication Date : 2008.01.24

(71) Applicant(s)
Merck & Co., Inc.

(72) Inventor(s)
Witter, David J.; Tempest, Paul; Heidebrecht Jr., Richard W.; Otte, Karin M.; Wilson, Kevin J.; Miller, Thomas A.; Peterson, Scott; Grimm, Jonathan; Close, Joshua; Siliphaivanh, Phieng; Kattar, Solomon

(74) Agent/Attorney
Spruson & Ferguson, Level 35 St Martins Tower 31 Market Street, Sydney, NSW, 2000