

α - Arbutin

Title	Basic Study and Industrial of Carbohydrate Active Enzymes ans Development of Novel Carbohydrate Materials
Publication (year)	Journal of Applied Glycoscience 3, 56-60 (2013)
Author	K. Ohdan

Title	Experimental study on cross - reactivity of α - arbutin toward p - phenylenediamine and hydroquinone in guinea pigs
Publication (year)	The Journal of Dermatology 37, 455-462 (2010)
Author	K. To-o, K. Nomura, K. Sugimoto, T. Nishimura, T. Kuriki and M. Itoh

Title	Development of alpha-arbutin: Production at industrial scale and application for a skin-lightening cosmetic ingredient
Publication (year)	Trends in Glycoscience and Glycotechnology 19, 235-246 (2007)
Author	K. Sugimoto, T. Nishimura and T. Kuriki

Title	Syntheses of α-arbutin-α-glycosides and their inhibitory effects on human tyrosinase
Publication (year)	Journal of Bioscience and Bioengineering 99, 272-276 (2005)
Author	K. Sugimoto, K. Nomura, T. Nishimura, T. Kiso, K. Sugimoto and T. Kuriki

Title	Inhibitory effects of several types of hydroquinone glycosides on human tyrosinase and melanogenesis inhibition of Alpha-Arbutin.
Publication (year)	FRAGRANCE JOURNAL 33, 60-66 (2005)
Author	K. Sugimoto, T. Nishimura, H. Moser

Title	Inhibitory effects of α-arbutin on melanin synthesis in cultured human melanoma cells and a three-dimensional human skin model
Publication (year)	Biological and Pharmaceutical Bulletin 27, 510-514 (2004)

Author	K. Sugimoto, T. Nishimura, K. Nomura, K. Sugimoto and T. Kuriki
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Title	Enzymatic production and utilization of α-arbutin.
Publication (year)	Bioscience & industry 61, 259-260 (2003)
Author	T. Nishimura

Title	Syntheses of arbutin-α-glycosides and a comparison of their inhibitory effects with those of α-arbutin and arbutin on human tyrosinase
Publication (year)	Chemical and Pharmaceutical Bulletin 51, 798-801 (2003)
Author	K. Sugimoto, T. Nishimura, K. Nomura, K. Sugimoto and T. Kuriki

Title	Inhibitory effects of hydroquinone-α-glucoside on melanin synthesis
Publication (year)	Yakugaku zasshi: Journal of the Pharmaceutical Society of Japan 115, 626-632 (1995)
Author	T. Nishimura, T. Kometani, S. Okada, N. Ueno and T. Yamamoto

Title	Purification and some properties of α-amylase from <i>Bacillus subtilis</i> X-23 that glucosylates phenolic compounds such as hydroquinone
Publication (year)	Journal of Fermentation and Bioengineering 78, 31-36 (1994)
Author	T. Nishimura, T. Kometani, H. Takii, Y. Terada and S. Okada