



biochemicals

Manufactured by **VDM Biochemicals.LLC**

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Product Data Sheet

Product name: **SB 225002**

Cat. number: **Not available**

CAS Number: **182498-32-4**

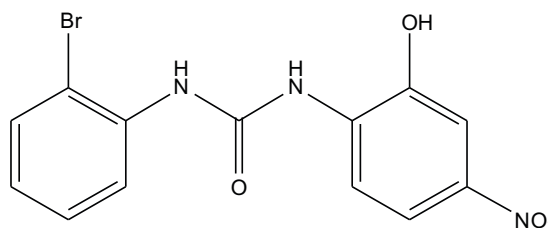
Lot number: **VD509507**

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Personal protective equipment

■ Lab coat.

■ Safety glasses.



Product Specification

Formula:	C ₁₃ H ₁₀ BrN ₃ O ₄
MW:	352.1
Purity:	>=98% by HPLC
Appearance:	Yellow solid
Solubility:	DMSO (40 mg/ml). 100% ethanol or methanol (15 mg/ml).
Storage:	-20°C.
Synonyms:	1-(2-bromophenyl)-3-(2-hydroxy-4-nitrophenyl)urea

Product Description:

SB 225002 is a selective non-peptide CXCR2 inhibitor which suppresses IL-8 induced neutrophil chemotaxis and margination. In addition, SB 225002 reduces MPO activity, IL-1 β , MIP-2, and keratinocyte-derived chemokine (KC) levels. Further studies suggest that SB 225002 decreases the expression of vascular endothelial growth factor, inducible NOS (NO synthase), and Cox-2 (cyclooxygenase-2 proteins) in colon tissue.

Product References

1. White, J.R., et al. 1998. J. Biol. Chem. 273: 10095-10098.
2. Bento, A.F., et al. 2008. J. Leukoc. Biol. 84: 1213-1221.

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