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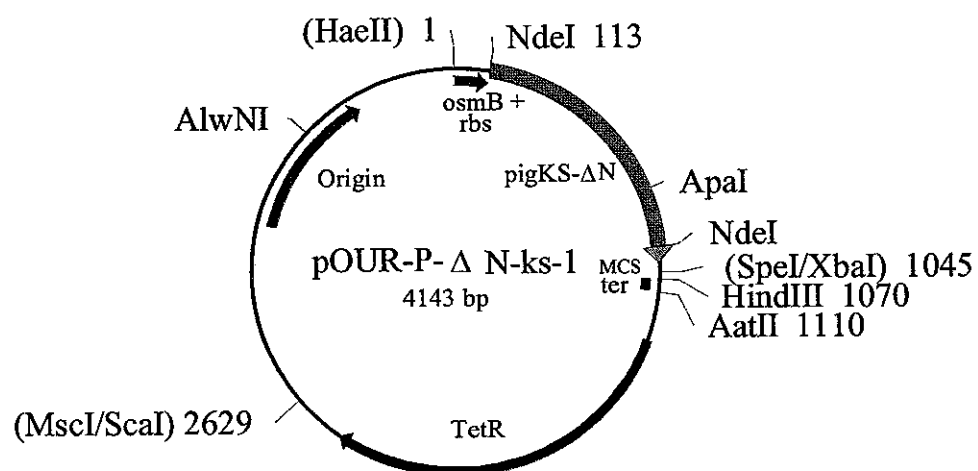


Figure 1.

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1      ATG-----ACTTACAAAAAGAAATGATGAGGTAGAGTTTGTCCGAAGTGGC
1      M - - - - T Y K K N D E V E F V R T G

61     TATGGGAAGGATATGATAAAAGTTCTCCATATTCAGCGAGATGGAAAATATCACAGCATT
21     Y G K D M I K V L H I Q R D G K Y H S I

121    AAAGAGGTGGCAACTACAGTGCAACTGACTTTGAGCTCCAAAAAGATTACCTGCATGGA
41     K E V A T T V Q L T L S S K K D Y L H G

181    GACAATTCAGATGTCATCCCTACAGACACCATCAAGAACACAGTTAATGTCCTGGCGAAG
61     D N S D V I P T D T I K N T V N V L A K

241    TTCAAAGGCATCAAAGCATAGAACTTTTGCTGTGACTATCTGTGAGCATTTCCTTTCT
81     F K G I K S I E T F A V T I C E H F L S

301    TCCTTCAAGCATGTCATCAGAGCTCAAGTCTATGTGGAAGAAGTTCCTTGAAGCGTTTT
101    S F K H V I R A Q V Y V E E V P W K R F

361    GAAAAGAATGGAGTTAAGCATGTCCATGCATTTATTTATACTCCTACTGGAACGCACCTTC
121    E K N G V K H V H A F I Y T P T G T H F

421    TGTGAGGTGAACAGATAAGGAATGGACCTCCAGTCATTCATTCTGGAATCAAAGACCTA
141    C E V E Q I R N G P P V I H S G I K D L

481    AAAGTCTTGAAAACAACCCAGTCTGGCTTTGAAGGATTTCATCAAGGACCAGTTCACCACC
161    K V L K T T Q S G F E G F I K D Q F T T

541    CTCCCTGAGGTGAAGGACCGGTGCTTTGCCACCCAAGTGTACTGCAAATGGCGCTACCAC
181    L P E V K D R C F A T Q V Y C K W R Y H

601    CAGGGCAGAGATGTGGACTTTGAGGCCACCTGGGACACTGTTAGGAGCATTGTCTCTGCAG
201    Q G R D V D F E A T W D T V R S I V L Q
        ApaI
        |
661    AAATTTGCTGGGCCCTATGACAAAGGCGAGTACTCGCCCTCTGTCCAGAAGACACTCTAT
221    K F A G P Y D K G E Y S P S V Q K T L Y

721    GACATCCAGGTGCTCACCCTGGGCCAGGTTCCTGAGATAGAAGATATGGAAATCAGCCTG
241    D I Q V L T L G Q V P E I E D M E I S L

781    CCAAATATTTACTACTTAAACATAGACATGTCCAAATGGGACTGATCAACAAGGAAGAG
261    P N I H Y L N I D M S K M G L I N K E E
        NdeI
        |
841    GTCTTGCTACCTTTAGACAATCCATATGGAAAAATTACTGGTACAGTCAAGAGGAAGTTG
281    V L L P L D N P Y G K I T G T V K R K L
        EcoRI                               SpeI BamHI
        |                               |       |
901    TCTTCAAGACTGTGAaagccgaattccagcacactggcgccgttactagtggatcc
301    S S R L *

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Figure 2.

	20	40	60
Pig	MAHYRNDYKKNDEVEFVRTGYGKDMIKVLHIQRDGKYHSIKEVATSVQLTLSSKKDYLHG		
PBC-ΔNC	M-----TYKKNDEVEFVRTGYGKDMIKVLHIQRDGKYHSIKEVATTVQLTLSSKKDYLHG		
Pig-KS-ΔN	M-----TYKKNDEVEFVRTGYGKDMIKVLHIQRDGKYHSIKEVATTVQLTLSSKKDYLHG		
	*		*
	80	100	120
Pig	DNSDVIPTDTIKNTVNLAKFKGIKSIETFAVTICEHFLSSFVKHVIRAQVYVEEVPWKRF		
PBC-ΔNC	DNSDVIPTDTIKNTVNLAKFKGIKSIETFAVTICEHFLSSFVKHVIRAQVYVEEVPWKRF		
Pig-KS-ΔN	DNSDVIPTDTIKNTVNLAKFKGIKSIETFAVTICEHFLSSFVKHVIRAQVYVEEVPWKRF		
	140	160	180
Pig	EKNGVKHVHAFIYTPTGTHFCEVEQIRNGPPVIHSGIKDLKVLKTTQSGFEGFIKDQFTT		
PBC-ΔNC	EKNGVKHVHAFIYTPTGTHFCEVEQIRNGPPVIHSGIKDLKVLKTTQSGFEGFIKDQFTT		
Pig-KS-ΔN	EKNGVKHVHAFIYTPTGTHFCEVEQIRNGPPVIHSGIKDLKVLKTTQSGFEGFIKDQFTT		
	200	220	240
Pig	LPEVKDRCFATQVYCKWRYHQGRDVFDEATWDTVRSIVLQKFAGPYDKGEYSPSVQKTLY		
PBC-ΔNC	LPEVKDRCFATQVYCKWRYHQGRDVFDEATWDTVRSIVLQKFAGPYDKGEYSPSVQKTLY		
Pig-KS-ΔN	LPEVKDRCFATQVYCKWRYHQGRDVFDEATWDTVRSIVLQKFAGPYDKGEYSPSVQKTLY		
	260	280	300
Pig	DIQVLTGQVPEIEDMEISLPNIHYLNIDMSKMGLINKEEVLLPLDNPYGRITGTVKRKL		
PBC-ΔNC	DIQVLSLSRVPEIEDMEISLPNIHYFNIDMSKMGLINKEEVLLPLDNPYKITGTVKRKL		
Pig-KS-ΔN	DIQVLTGQVPEIEDMEISLPNIHYLNIDMSKMGLINKEEVLLPLDNPYKITGTVKRKL		
	° °°	°	*
Pig	TSRL		
PBC-ΔNC	S---		
Pig-KS-ΔN	SSRL		
	*		

Figure 3.

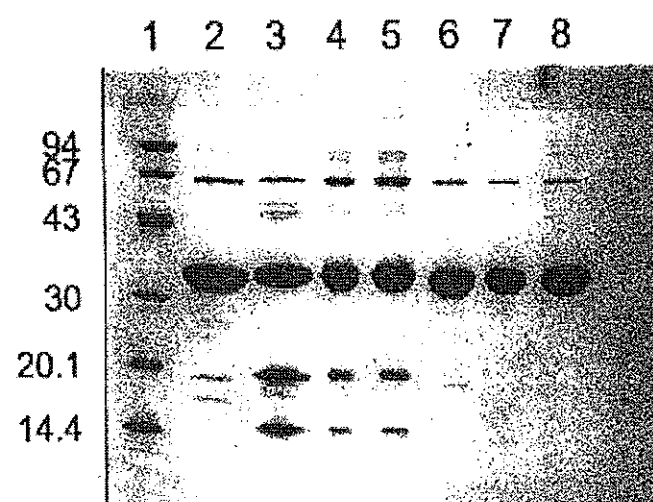


Figure 4.

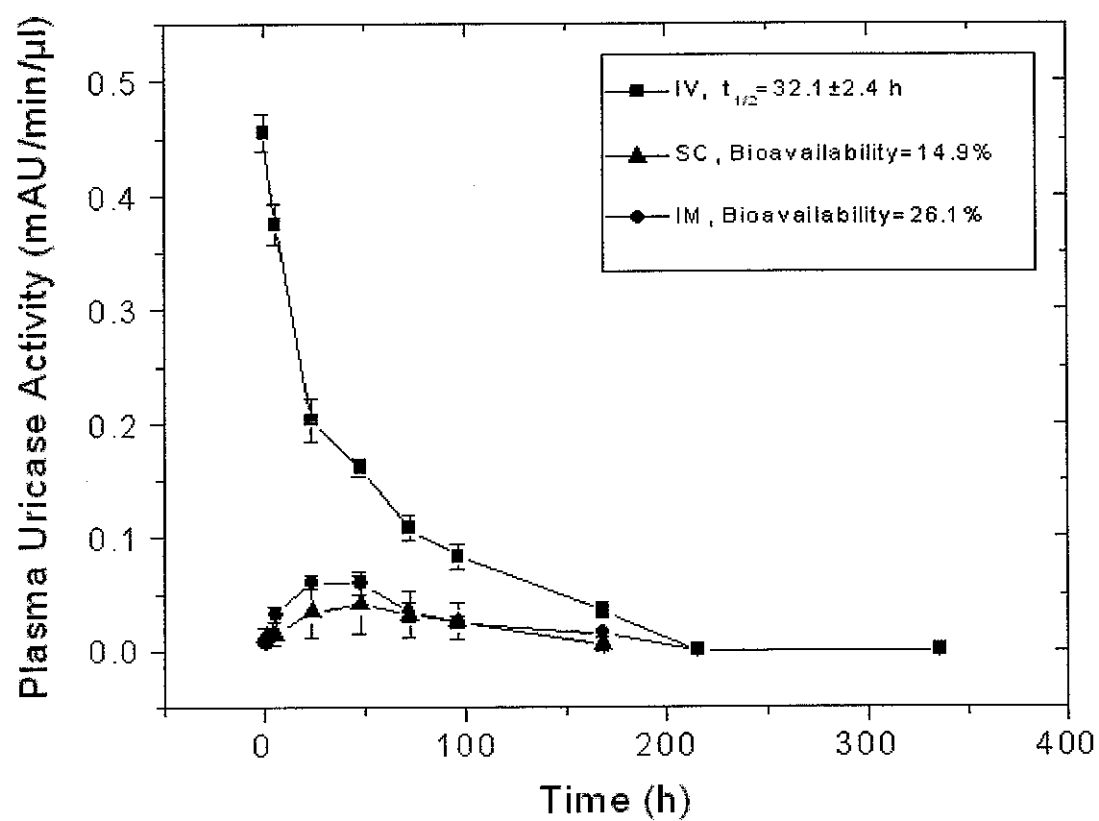


Figure 5.

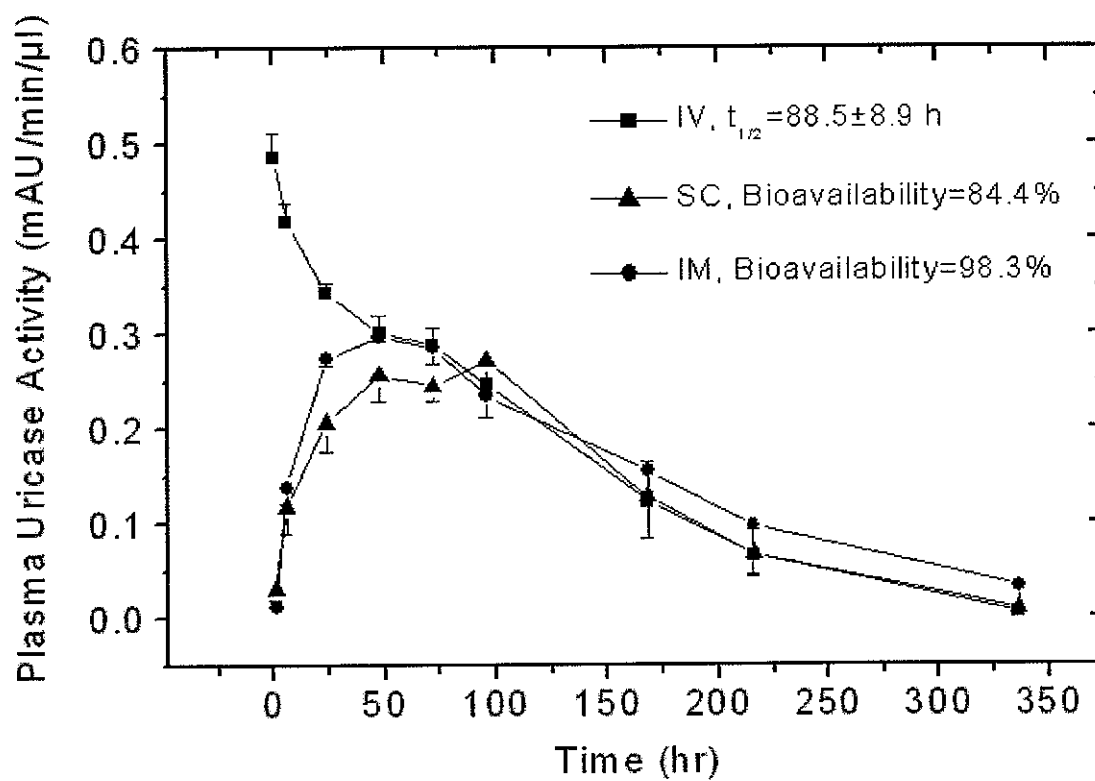


Figure 6.

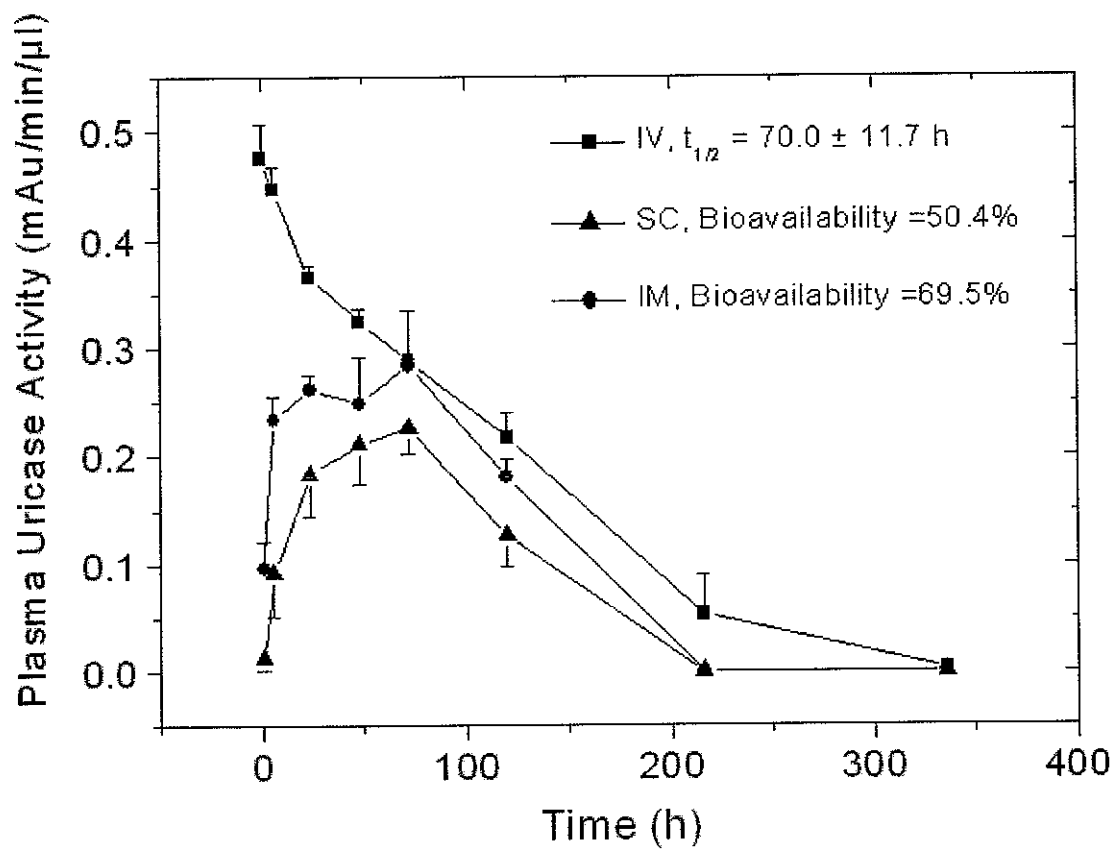


Figure 7.

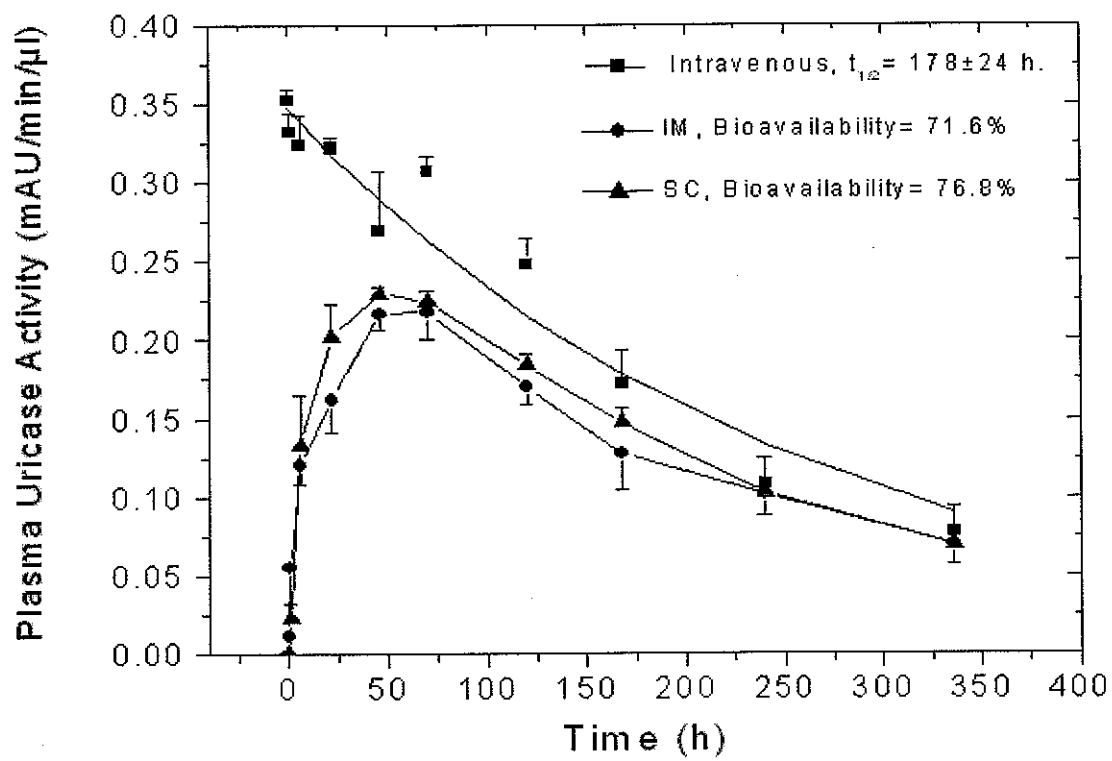


Figure 8.