

B L



A :
F : S a K Lab a Q a R a c C
M d c , Maca I A d R a c M d c a d
H a

: D d c Lab a Na a P d c a d
B a c a d M d c a C

E A : ba@.d.

: (853) 8897 2403

F .: (853) 2888 0091

: H838b

M A : R 838b, B c H, Maca U
Sc c a d T c , A da Wa L , Ta a, Maca

D . Ba c d Bac a d M d La U T ad a
C M d c 2001 a d 2004, c . I 2008, b a d P D d
H K Ba U . S a b T I Sc c a d I d a R a c
(SANKEN), O a a U , Ja a , a a a c c a ca G-
ad DNA-b d d b a d a a d Oc b 2006 Ja a
2007. A ad a , d Sc C M d c , H K Ba U a
a a c a a 2008, a c a a 2009 a d a c a ca 2010. I
S b 2011, d S a K Lab a Q a R a c C M d c ,
Maca U Sc c a d T c a a a a . I 2015, ac d a
acc a d a a ca . I 2023, a d .

D . Ba a c d c d b a c c , d c a c a d a a d c a
c . H a c c b ac d ad a C d c
(TCM), d a d b ac a a c c , a d a ac d a c
a a a a ca c a , a b a a SARS-C V-2 a d c
b a b . R c , D . Ba a a d a d

a ca c d (C Pa A ca N .
 CN202210358677.7, & I a a a ca N . PCT/CN2022/098765, P da 7
 A 2022) c c d a a c (LNP) a ca c d RNA,
 c d RNA a d RNA, b ca c a a d acc d . S ad a
 b a d c A ca 31 S c T c a d P C
 Ma a M d ca b M c c c T c H K .

S a b d a 90 a c a c SCI a c d *European Journal of
 Medicinal Chemistry, Bioorganic Chemistry, Organic Letters, Journal of Natural Products,
 Journal of Organic Chemistry, Biomedicine & Pharmacotherapy, a d Organic Chemistry
 Frontiers*. S a b a d a 20 a a a (c d 5 U.S. a a a)
 a . S c 2013, D . Ba ac d Ba C a E c R a c A a d (2013), E c
 T ac A a d Maca U Sc c a d T c (2019), a d T d Na a
 Sc c A a d Maca (2020). H a c a a c a d b Maca Sc c a d
 T c D F d, a d T Maca F da . A a c a a , a
 b a d a 10 a c a c d FDCT K R & D a c c (PI
 b c I Id ca C M d c a Ma a U C
 V T c), FDCT-MOST J F d, a d FDCT-GDST J F d. A a c -
 a , a a c a d a c c G a d -H K -Maca J
 Lab a R a I c D a (2020-2022) a c a d b D a
 Sc c a d T c G a d P c , C a C P a Sc c a d
 T c S G a d -H K -Maca G a Ba A a (2022) d d b
 S M c a C Sc c a d T c I a , a d a c
 d b Na a Na a Sc c F da C a, a d Na a Sc c F da
 G a d P c .

:

R a c A a: B a c a d M d c a C , Na a M d c a C

R a c I (2020-2025):

1) N S d S a d A ca D D S (LNP) RNA

T a

2) R a c a d D TCM -d d S c M d c a M c
T a P a F b ;

3) D , S a d P a a c d a c S d A c a c M d c a M c

4) *In-situ* A a TCM b TOF-SIMS

5) D A d d P a A Id ca C M d c a Ma a
U A c a I c (C ab a P .CAI Z a c a T a)

:

1) P ad a c: P c a d P C M d c R a c (C d a),
S c d T c C C Ma a M d ca (C d a), E a
T c C C Ma a M d ca (C d a), c.

2) U d ad a c: C C Ma a M d ca, E C
CMM (C d a), H P c (C d a).

2008.9 P .D., H K Ba U , H K

2004.7 M. Sc., L a U T ad a C M d c , S a , C a

2001.7 B. Sc., L a U T ad a C M d c , S a , C a

2023.7- P , S a K Lab a Q a R a c C
M d c , Maca U Sc c a d T c

2015.7-2023.6 A c a P , S a K Lab a Q a R a c
C M d c , Maca U Sc c a d T c

2011.9-2015.6 A a P , S a K Lab a Q a R a c
C M d c , Maca U Sc c a d T c

2010.10-2011.8 R a c A c a , Sc C M d c , H K
Ba U



2008.10-2010.9

Pharmaceutical Science, Graduate School of Science and Technology, Chiba University

2006.10-2007.1

Research Fellow (SANKEN), Graduate School of Science and Technology, Chiba University

2003.10-2005.4

Visiting Research Scientist, Medical Research Center, Chiba University

(*: Corresponding author; #: Corresponding author)

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K S 2,3-D 1,4-D Wa . *ACS OMEGA*, **2022**, 7, 2337-2343.

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Z a , W ; L , Ya * ; B , L - *. I₂-Ca a d Ca b a -M
K S 1,2-D a D a d A a Q a O P . *ACS OMEGA*, **2022**, 7, 1380-1394.

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H * ; Z G -Y a *. ()-A ac A C, a ca d C27 d
Atractylodes Chinensis. *Chinese Journal of Chemistry*, **2022**, 40, 460-466.

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L - *. S a d b ca a a d a b a a ((5-
1,3,4- ad a -2-)) a -2(3H)- a a a b a a
SARS-C V-2. *Pharmaceuticals*, **2021**, 14, 1483. €

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Na ; , F ; ad a -2- L a * ; S a a , Q *. D M b a -Ac
H /Ma A P S K W H a P A bac a A a a M c -R a
S a c cc a (MRSA). *Journal*

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Aa²⁺ ad T²⁺ B²⁺ ca Ea a²⁺ a HIF-1 I²⁺ b²⁺. *ChemistrySelect*, **2020**, 5,
12869
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; Z²⁺, W²⁺; Ja, Z²⁺-H²⁺ *. S²⁺ a²⁺ ad²⁺ c²⁺ c²⁺ ad²⁺ a C²⁺
dc²⁺ a²⁺ a a²⁺ c²⁺ a²⁺ d a²⁺ 2019 ad²⁺ a d a²⁺
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ba d Ma²⁺ c ba d a²⁺ a²⁺ ca c c²⁺ a d c a²⁺ a²⁺. *European
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Xab²⁺; Xa, R²⁺; Q, Ya Q²⁺; M²⁺, S²⁺ W²⁺ Fa; L²⁺, La²⁺ *. W²⁺, Vc²⁺
Ka²⁺ Wa *. N²⁺ d d a²⁺ 20(S)-R²⁺ 2E2²⁺ a d²⁺
a a²⁺ a d²⁺ a²⁺ ca c c²⁺ ab²⁺, *Cell Death
and Disease* **2020**, 11, 621.
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Za²⁺, M²⁺; G²⁺, M²⁺ a; W²⁺, Ja²⁺ *. Ca ac²⁺ a²⁺ Ca²⁺ P²⁺
Md ca²⁺ b²⁺ T c a²⁺ a d²⁺ a T²⁺ -D²⁺ a L²⁺ d²⁺
C²⁺ a²⁺ a²⁺ -Ma²⁺ S c²⁺: N²⁺ I²⁺ I²⁺ Ad²⁺ E c²⁺ *Environment
International* **2020** 136, 105423.
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J²⁺; Ja²⁺, M²⁺; B²⁺, L²⁺ -; L²⁺, Ea²⁺ La a; H²⁺, Ya²⁺ a *. Ja²⁺, Z²⁺-H²⁺ *;
Ba, Ga *. M²⁺ c a a²⁺ a d 20()- a a a²⁺ b d²⁺ P53²⁺
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J²⁺; Wa²⁺, Xa²⁺ a; Xa²⁺, Q²⁺; Za²⁺, Xa²⁺; Y²⁺, Da²⁺; B²⁺, L²⁺ -; C²⁺,
L²⁺ *. Ra²⁺, S²⁺ a *. A²⁺ S1P1²⁺ d a²⁺ IMM002 a²⁺ a²⁺ a²⁺
a²⁺ a²⁺ d²⁺, *Acta Pharmaceutica Sinica B*, **2020** 10(2), 276-288.

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T. d. T. *Fitoterapia* **2016**, *113*, 69-73.
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H, M; L, L a; Ja, Z. -H. *. C a ac a O a d M ab
G d Rb1 Pa a a d U Ra. *Journal of Agricultural and Food Chemistry*
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M I d A a d A a c a. *Organic Letters* **2014**, *16* (4), 1080-
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76)

77)

d c c . *Scientific Reports* **2014**, 4.

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